



Environment

US EPA RECORDS CENTER REGION 5



441104

REMEDIAL ACTION SEMI-ANNUAL MONITORING REPORT

**1ST HALF – 2011
(29 of 73)**

**SKINNER LANDFILL SITE
BUTLER COUNTY
WEST CHESTER, OHIO**

Prepared for:

Skinner Landfill Site Group
c/o Tom Gieck
The Dow Chemical Company
2754 Compass Drive, Suite 280
Grand Junction, CO 81506 USA

Prepared by:

AECOM Environment
4219 Malsbary Road
Cincinnati, OH 45242

AECOM Project No. 60212628

TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION	1
1.1 General Information.....	1
1.2 Site Location and Description	1
1.3 Site History and Background.....	2
2.0 SAMPLING METHODS.....	2
3.0 RESULTS	3
3.1 Groundwater Levels.....	3
3.2 Groundwater-Waste Monitoring.....	3
3.3 Groundwater Analytical Results.....	3
3.4 Surface Water Analytical Results.....	3
3.5 General Site Observations.....	4

FIGURES

Site Vicinity Map.....	1
------------------------	---

TABLES

Groundwater Elevation Summary.....	1
Groundwater-Waste Monitoring Summary	2
Groundwater Test Results Summary	3
Surface Water Test Results Summary	4

APPENDICES**Appendix**

POTENTIOMETRIC SURFACE MAP	A
----------------------------------	---

SUMMARY OF ANALYTICAL RESULTS	B
-------------------------------------	---

 Groundwater Monitoring Wells
 Creek Surface Water Sampling Locations
 Run Off Surface Water Sampling Locations

VALIDATED LABORATORY ANALYTICAL RESULTS	C
---	---

LIST OF ACRONYMS

BMR	Baseline Monitor Report
BCDES	Butler County Department of Environmental Services
bgs	Below Ground Surface
CD&D	Construction Debris and Demolition Waste
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CGI	Combustible Gas Indicator
CHSD	Corporate Health and Safety Director
CLP	Contract Laboratory Program
cm/sec	Centimeters Per Second
CO	Carbon Monoxide
CP	Contingency Plan
CQA	Construction Quality Assurance
CQAC	Construction Quality Assurance Consultant
CRZ	Contamination Reduction Zone
CRQL	Contract Required Quantitation Limit
CSDI	Contaminated Soils Design Investigation
CY	Cubic Yard
CZ	Control Zone
DSW	Division of Surface Water (OEPA)
DSR	Division Safety Representative
EPA	Environmental Protection Agency
EZ	Exclusion Zone
FID	Flame Ionization Detector
FML	Flexible Membrane Liner (low density polyethylene)
FSP	Field Sampling Plan
FTB	Film Tearing Bond
ft	Feet
ft/sec	Feet Per Second
GCL	Geosynthetic Clay Layer
GCAL	Gulf Coast Analytical Laboratories Inc.
GIS	Groundwater Interceptor System
gpd	Gallons Per Day
gpm	Gallons Per Minute
GWDI	Groundwater Design Investigation
HAP	Hazardous Air Pollutant
HASP	Health and Safety Plan
HDPE	High-Density Polyethylene
HSM	Health and Safety Manager
IDLH	Immediately Dangerous to Life or Health
IRM	Interim Remedial Measures
kg/d	Kilograms Per Day
lb/day	Pounds Per Day

LEL	Lower Explosion Limit
LF	Lineal Feet
LLDPE	Linear Low-Density Polyethylene
μ	Micron
$\mu\text{g/l}$	Microgram per Liter
MSL	Mean Sea Level
NIOSH	National Institute for Occupational Safety and Health
NO _x	Oxides of Nitrogen
NWI	National Wetland Inventory
O ₃	Ozone
OAC	Ohio Administrative Code
ODNR	Ohio Department of Natural Resources
OEPA	Ohio Environmental Protection Agency
ORC	Ohio Revised Code
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
PID	Photoionization Detector
PLC	Programmable Logic Controller
PM-10	Particulate Matter less than 10 microns
PRP	Potentially Responsible Party
PPE	Personal Protective Equipment
psi	Pounds Per Square Inch
PQL	Practical Quantitation Limit
QAPP	Quality Assurance Project Plan
QA	Quality Assurance
QC	Quality Control
RCRA	Resource Conservation and Recovery Act
RA	Remedial Action
RD	Remedial Design
RHSS	Regional Health & Safety Specialist
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
RPM	Remedial Project Manager (USEPA)
RPO	Resident Project Observer
SI	Site Inspection
SF	Square Feet
SLWG	Skinner Landfill Work Group
SO ₂	Sulfur Dioxide
SOP	Standard Operating Procedure
SOW	Statement of Work
SPCC	Spill Prevention Control and Counter Measure Plan
SSO	Site Safety Officer
SVE	Soil Vapor Extraction
SVOC	Semi-Volatile Organic Compound
SZ	Support Zone

TAL	Target Analyte List
TCL	Target Compound List
TDH	Total Dynamic Head
TLV	Threshold Limit Values
TSS	Total Suspended Solids
TWA	Time Weighted Average
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Services
USGS	United States Geological Survey
VOC	Volatile Organic Compound
yr	Year
WZ	Work Zone

1.0 INTRODUCTION

1.1 GENERAL INFORMATION

This semi-annual monitoring report was prepared for the Skinner Landfill Superfund Site located in West Chester, Butler County, Ohio in accordance with the Operation and Maintenance - Long-Term Performance Plan (O&M-LTP Plan) dated August 2003 as revised by the amended requirements as set forth in the Petition to Reduce Monitoring Report submitted by Earth Tech in April 2008 and the conditional approval letter issued by the USEPA dated November 24, 2009. The O&M-LTP Plan was prepared to meet the requirements of the Record of Decision (ROD) dated June 4, 1993, the Statement of Work (SOW) dated April 6, 1994, the 100% Final Remedial Design dated June 21, 1996 and the Consent Decree dated April 7, 2001.

The remedial action (RA) post-construction O&M monitoring period began with the third quarter of 2003 and extends for a period of 30 years. The Petition to Reduce Monitoring and associated conditional USEPA approval included a reduction in the number of groundwater and surface water samples required for each sampling event, as well as a change in the required sampling frequency from quarterly to semi-annual. This report documents the results of groundwater and surface water monitoring conducted during the first half of 2011, which is the 29th of 73 sampling events to be conducted during the 30-year monitoring period.

1.2 SITE LOCATION AND DESCRIPTION

Skinner Landfill is located approximately 15 miles north of Cincinnati, Ohio near West Chester, Butler County, Ohio in Township 3, Section 22, Range 2. The site is located along Cincinnati-Dayton Road, as shown in Figure 1. The site is bordered on the south by the East Fork of Mill Creek, on the north by wooded land, on the east by a Norfolk Southern Railway Company right-of-way, and on the west by a gravel driveway.

The site is located in a highly dissected area that slopes from a till-mantled-bedrock upland to a broad, flat-bottomed valley that is occupied by the main branch of Mill Creek. Elevations on the site range from a high of nearly 800 feet above mean sea level (MSL) in the northeast, to a low of 645 feet above MSL near the confluence of Skinner Creek and East Fork of Mill Creek. Both Skinner Creek and the East Fork of Mill Creek are small, intermittent shallow streams. Both of these streams flow to the southwest from the site toward the main branch of Mill Creek.

In general, the site is underlain by relatively thin glacial drift over inter-bedded shale and limestone of Ordovician age. The composition of the glacial drift ranges from intermixed silt, sand and gravel, to silty sandy clays with a thickness ranging from zero to over forty feet. The sand and gravel deposits comprise the hills and ridges and are encountered near the surface of the central portion of the site. The silts and clays usually occur as lenses in the sands and gravel or directly overlie bedrock.

1.3 SITE HISTORY AND BACKGROUND

The property was originally developed as a sand and gravel mining operation and was subsequently used as a landfill from 1934 to 1990. According to USEPA studies, materials deposited at the site include demolition debris, household refuse and a wide variety of chemical wastes. The waste disposal areas include a now buried former waste lagoon near the center of the site and a landfill.

According to USEPA studies, the buried lagoon was used for the disposal of paint wastes, ink wastes, creosote, pesticides, and other chemical wastes. The landfill area, located north and northeast of the buried lagoon, received predominantly demolition and landscaping debris.

In 1976, the Ohio EPA (OEPA) initiated an investigation of the site. In 1982, the site was placed on the National Priority List by the USEPA based on information obtained during a limited investigation of the site. A Phase II Remedial Investigation was conducted from 1989 to 1991 and involved further investigation of groundwater, surface water, soils and sediments. Both a Baseline Risk Assessment and Feasibility Study (FS) were completed in 1992.

The Phase II Remedial Investigation revealed that the most contaminated media at the site is the soil in the buried waste lagoon. Migration of the landfill constituents has been limited, and the Phase II Remedial Investigation concluded that there had been no off-site migration of landfill constituents via groundwater flow.

In the Record of Decision (ROD), dated June 4, 1993, the USEPA selected a remedy for the site consisting of multi-media capping of the landfill and the buried waste lagoon, and collection and treatment of the groundwater. The ROD also required an investigation to determine the feasibility for soil vapor extraction (SVE) in the granular soil adjacent to the buried lagoon.

The Remedial Design (RD) Investigation performed in 1994 was implemented to collect data required to assess the feasibility of the SVE and to design the multi-media cap and the groundwater extraction/treatment systems. The Remedial Design was submitted to USEPA on June 21, 1996 outlining the cover design and groundwater interception system design. Based on the RD investigation, the installation of an SVE system was determined to be unfeasible.

Construction of a groundwater interception system (GIS) and engineered landfill cover system began in April 2001 and was substantially completed in September 2001. The USEPA conducted the pre-final construction inspection on September 27, 2001, the final construction inspection on March 27, 2003 and the second 5-Year Review in March 2004.

2.0 SAMPLING METHODS

This semi-annual monitoring event was conducted in general accordance with the following documents shown with the date of the USEPA-approved final version:

- Operation and Maintenance - Long-Term Performance Plan (O&M-LTP Plan) dated August 2003 as revised by the Petition to Reduce Monitoring dated April 2008 and conditionally approved by the USEPA in November 2009, and

- O&M Health and Safety Plan, revised December 2011.

There were no deviations from these work plans.

3.0 RESULTS

3.1 GROUNDWATER LEVELS

The groundwater elevation data obtained from the monitor wells, piezometers and selected gas probes for the 1st and 2nd quarters of 2011 is presented on Table 1 with the corresponding potentiometric surface maps provided in Appendix A. The groundwater hydraulic gradient calculated from data collected was 0.0748 ft/ft in March 2011 and 0.0826 ft/ft in June 2011.

The average hydraulic gradient documented in the Remedial Action Baseline Monitoring Report, dated March 2005, is calculated to be 0.13 ft/ft.

3.2 GROUNDWATER-WASTE MONITORING

Historic data for piezometers P-9R to P-12R and results of the piezometer groundwater levels obtained this semi-annual period are provided on Table 2. Based on measured water levels, the groundwater level is above the waste elevation at piezometers P-9R, P-10R, and P-11R.

3.3 GROUNDWATER ANALYTICAL RESULTS

A summary of target compound list (TCL) and target analyte list (TAL) parameter concentrations encountered above the contract required quantitation limit (CRQL) and revised modified trigger level is provided on Table 3. A summary of the laboratory analytical results have been presented on a per well basis in Appendix B to assist in identifying temporal detection patterns. A report of each data set reduction, validation and assessment procedure conducted on an analytical-set basis in accordance with the O&M-LTP Plan quality assurance project plan (QAPP) is included in Appendix C.

In general, target compound list volatiles, semi-volatiles, pesticides and PCBs were not detected in groundwater above the CRQL.

Of the 16 TAL parameters that have corresponding trigger levels, all groundwater TAL concentrations were below the corresponding trigger levels for the first half of 2011.

3.4 SURFACE WATER ANALYTICAL RESULTS

Surface water was collected at two of the surface water (SW) sample locations of the East Fork of Mill Creek (SW samples) during the 1st half of 2011. Additional details concerning flow conditions observed in the Mill Creek are discussed in the following section. Landfill cap surface water drainage samples (SWD samples) were not collected due to lack of flow.

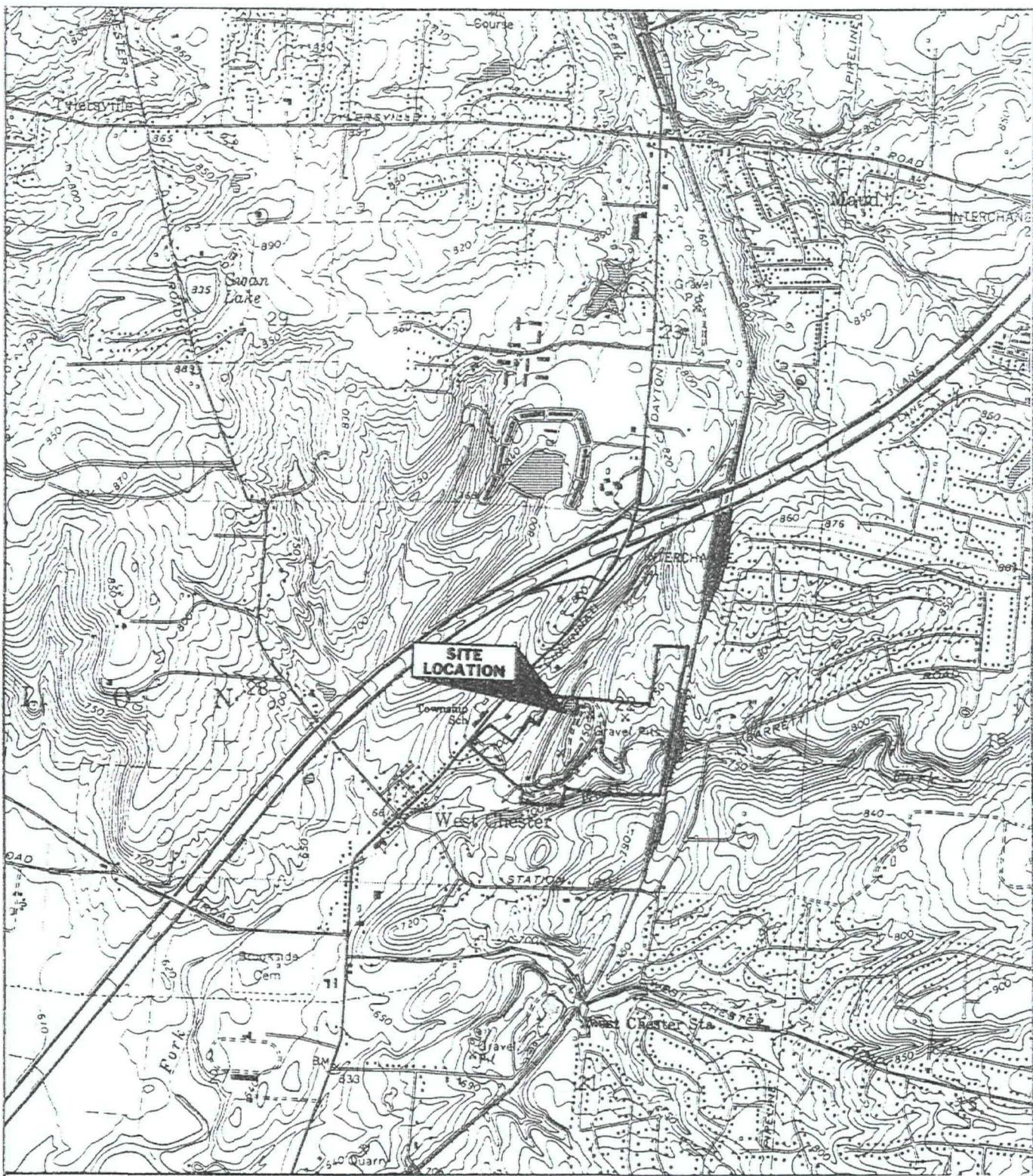
A summary of TCL and TAL parameter concentrations encountered above each corresponding CRQL and revised modified trigger level is provided on Table 4. A summary of laboratory analytical results is presented in Appendix B. The summary tables are presented on a sample location basis. The validated laboratory analytical data is provided in Appendix C.

3.5 GENERAL SITE OBSERVATIONS

This section provides a description of observations made in or around the 16-acre fenced area during the sampling period associated with other activity which may impact the project site. There were no unusual observations during the 1st half 2011 sampling event.

FIGURES

FIGURES



Base taken from USGS Glendale, Ohio
7.5' Topographic Quadrangle, photorevised 1987



SKINNER LANDFILL

SITE VICINITY MAP

BUTLER COUNTY, OHIO

AECOM

TABLES

TABLE 1
Groundwater Elevation Summary
Skinner Landfill
West Chester, Ohio

1st Half 2011

Well Type	Location	Well Use	Ground Surface Elevation (MSL-feet)	Top of Casing Elevation (MSL-feet)	March 28, 2011		June 14, 2011	
					Depth to Water (feet from top of casing)	Groundwater Elevation (MSL-feet)	Depth to Water (feet from top of casing)	Groundwater Elevation (MSL-feet)
Piezometers	P-1	G	685.42	687.65	9.19	678.46	9.45	678.20
	P-2	G	688.54	690.42	12.78	677.64	12.27	678.15
	P-3R	G	691.83	693.69	25.56	668.13	24.95	668.74
	P-4	G	700.32	702.63	4.49	698.14	2.47	700.16
	P-5	G	708.20	710.65	11.75	698.90	9.99	700.66
	P-6	G	707.45	710.59	11.33	699.26	11.62	698.97
	P-7	G	719.08	721.83	26.44	695.39	Dry	Dry
	P-8	G	747.70	749.91	30.32	719.59	29.70	720.21
	P-9R	G	760.12	763.58	16.10	747.48	15.44	748.14
	P-10R	G	761.87	765.84	26.83	739.01	24.57	741.27
	P-11R	G	760.39	763.38	32.73	730.65	23.85	739.53
	P-12R	G	750.11	753.60	36.48	717.12	34.44	719.16
Groundwater Monitoring Wells	GW-06R	S	683.89	685.91	8.80	677.11	9.70	676.21
	GW-07R	S	683.46	683.06	4.65	678.41	5.73	677.33
	GW-24	G	693.32	695.21	18.83	676.38	18.96	676.25
	GW-26	G	696.61	698.28	29.18	669.10	28.99	669.29
	GW-30	G	675.63	677.62	10.22	667.40	9.86	667.76
	GW-58	S	684.03	686.53	11.02	675.51	11.00	675.53
	GW-59	S	684.35	687.38	7.01	680.37	7.48	679.90
	GW-60	S	689.12	692.38	10.61	681.77	11.75	680.63
	GW-61	S	687.38	690.86	13.03	677.83	13.58	677.28
	GW-62A	S	690.19	692.38	19.22	673.16	15.37	677.01
	GW-62B	S	690.57	693.13	12.38	680.75	11.89	681.24
	GW-63	S	698.87	702.50	6.68	695.82	7.47	695.03
	GW-64	S	700.45	703.88	11.97	691.91	9.00	694.88
	GW-65	S	703.83	706.88	10.21	696.67	11.57	695.31
	GW-66	G	686.82	689.41	7.35	682.06	8.00	681.41
Gas Probes	GP-6	G	772.18	774.65	13.51	761.14	14.25	760.40
	GP-7	G	749.83	752.65	9.00	752.65	9.50	743.15

MSL - Mean Sea Level

G - Gauging

S - Sampling and Gauging (GW-24, 26, and 30 are sampled on an annual basis.)

P-9R, 10R, 11R, and 12R were installed December 2006 to January 2007. Replaced P-9, 10, 11, and 12.

TABLE 2
Groundwater-Waste Monitoring Summary

**Skinner Landfill
West Chester, Ohio**

1st Half 2011

Piezometer ID	P-9R	P-10R	P-11R	P-12R	Comments	
Grade Elevation (feet)	760.12	761.87	760.39	750.11		
Bottom of Waste Elevation (MSL-feet)	731.92	729.87	728.00	722.61		
Depth to Bottom of Waste (feet)	28.20	32.00	32.39	27.50		
Groundwater Elevation (ft):	22-Jan-07	747.70	739.52	734.04	721.24	BASELINE
	02-Mar-07	748.03	740.60	735.68	718.17	1st Q 2007
	11-Jun-07	746.34	751.34*	737.08	716.70	2nd Q 2007
	04-Sep-07	736.49	737.73	733.49	712.61	3rd Q 2007
	17-Dec-07	745.36	736.92	731.13	714.31	4th Q 2007
	10-Mar-08	747.61	739.04	733.71	717.42	1rst Q 2008
	02-Jun-08	748.06	740.44	739.15	719.10	2nd Q 2008
	16-Sep-08	743.09	738.64	735.98	714.85	3rd Q 2008
	01-Dec-08	736.46	737.52	733.38	712.40	4th Q 2008
	18-Feb-09	745.77	738.00	731.92	715.45	1rst Q 2009
	08-Jun-09	745.64	738.74	733.48	716.75	2nd Q 2009
	21-Sep-09	743.58	738.02	738.88	723.50	3rd Q 2009
	30-Nov-09	744.66	737.89	739.23	720.01	4th Q 2009
	15-Mar-10	747.02	739.12	738.38	720.30	1st Q 2010
	4-Jun-10	746.73	739.61	736.29	717.95	2nd Q 2010
	13-Sep-10	741.91	738.29	734.27	712.16	3rd Q 2010
	17-Dec-10	744.26	737.26	731.33	713.55	4th Q 2010
	28-Mar-11	747.48	739.01	730.65	717.12	1st Q 2011
	14-Jun-11	748.14	741.27	739.53	719.16	2nd Q 2011

Notes:

Bottom-of-Waste elevations determined during installation of new piezometers completed between 12/6/06 through 12/11/06.

Shaded cells indicate water level elevations below the elevation of waste.

* Groundwater Elevation suspect.

TABLE 3
Groundwater Test Results Summary

**Skinner Landfill
 West Chester, Ohio
 1st Half 2011**

Sample ID	VOCs	SVOCs	Dissolved Metals**	Pesticides/PCBs
GW-06R	NS	NS	NS	NS
GW-07R	—	—	—	—
GW-58	—	—	—	—
GW-59	—	—	—	—
GW-60	NS	NS	NS	NS
GW-61	—	—	—	—
GW-62A	NS	NS	NS	NS
GW-62B	NS	NS	NS	NS
GW-63	—	—	—	—
GW-64	NS	NS	NS	NS
GW-65	—	—	—	—
GW-24 (Perimeter Well)	NS	NS	NS	NS
GW-26 (Perimeter Well)	—	—	—	—
GW-30 (Perimeter Well)	NS	NS	NS	NS

Notes:

— : all parameters below report limits

italic : above Contract Required Quantitation Levels (CRQL's)

bold : above trigger level

* : Insufficient sample volume or location dry.

** : Dissolved metals for analytes that have a corresponding trigger level.

NS: No Longer Sample

TABLE 4
Surface Water Test Results Summary

**Skinner Landfill
 West Chester, Ohio
 1st Half 2011**

Sample ID	VOCs	SVOCs	Dissolved Metals**	Pesticides/PCBs
SW-50	—	—	—	—
SW-51	NS	NS	NS	NS
SW-52	—	—	—	—
SWD-1	*	*	*	*
SWD-2	NS	NS	NS	NS
SWD-3	*	*	*	*

Notes:

— : all parameters below report limits

italic : above Contract Required Quantitation Levels (CRQL's)

bold : above trigger level

* : Insufficient sample volume or location dry.

** : Dissolved metals for analytes that have a corresponding trigger level.

NS: No Longer Sample

A

SDMS US EPA Region V

Imagery Insert Form

**Some images in this document may be illegible or unavailable in SDMS.
Please see reason(s) indicated below:**

Illegible due to bad source documents. Image(s) in SDMS is equivalent to hard copy.

Specify Type of Document(s) / Comments:

Includes COLOR or RESOLUTION variations.

Unless otherwise noted, these pages are available in monochrome. The source document page(s) is more legible than the images. The original document is available for viewing at the Superfund Records Center.

Specify Type of Document(s) / Comments:

Confidential Business Information (CBI).

This document contains highly sensitive information. Due to confidentiality, materials with such information are not available in SDMS. You may contact the EPA Superfund Records Manager if you wish to view this document.

Specify Type of Document(s) / Comments:

Unscannable Material:

Oversized x or Format.

Due to certain scanning equipment capability limitations, the document page(s) is not available in SDMS..

Specify Type of Document(s) / Comments:

Oversized maps

Document is available at the EPA Region 5 Records Center.

Specify Type of Document(s) / Comments:

B

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-06R

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)									Mar-10	TRIGGER LEVEL	CRQL
	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09				
Inorganics - Metals (Dissolved)¹⁴												
Aluminum	15.4 U	15.3 U	15.3 U	15.3 U	26.9 U	26.9 U	60.7 B	75.8 B				
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U		60	60	
Arsenic	2.4 U	2.5 U	2.5 UJ	2.7 B	3.6 U	3.6 U	3.6 UJ	3.6 UJ		20	10	
Barium	199 B	211 J	168 B	195 B	146 B	199 B	198 B	188 B		1,000	200	
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U		5	5	
Cadmium	0.10 U	0.10 U	0.10 U	0.10 U	0.2 U	0.6 B	0.3 B	0.4 B		5	5	
Calcium	199,000	180,000 J	229,000	164,000 J	223,000	215,000	208,000	210,000			5,000	
Chromium	0.30 U	2.1 B	0.20 U	0.20 U	2.7 B	1.1 B	0.4 UJ	2.2 B		11	10	
Cobalt	0.20 U	0.50 B	1.4 B	0.30 U	0.5 U	1.3 B	0.5 U	0.5 U			50	
Copper	2.3 B	3.0 B	1.2 B	0.60 U	5.3 B	6.0 B	5.9 B	5.6 B		25	25	
Iron	69.6 B	586	60.0 B	8.1 U	24.8 B	361	291	86.6 B		7,000	100	
Lead	1.0 B	2.4 B	1.2 B	1.2 U	1.6 UJ	1.6 U	2.7 J	4.9		4.2	3	
Magnesium	35,800	34,200 J	43,600 J	29,500 J	39,700	38,000	36,400	37,200			5,000	
Manganese	6.5 B	132.0	451 J	226	19.0	64.9	41.1 J	22.2			15	
Mercury	0.10 U	0.10 UJ	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U		0.2	0.2	
Nickel	0.40 U	0.40 U	0.40 B	0.40 U	0.4 U	1.1 B	0.8 B	0.4 U		96	40	
Potassium	2,180 B	2,460 B	5,400	2,420 J	2,370 B	2,330 B	2,800	2,510 B			5,000	
Selenium	3.9 U	3.1 U	3.1 UJ	3.1 UJ	4.3 J	3.3 U	3.3 U	3.3 U		8.5	5	
Silver	0.30 U	0.40 U	0.40 U	0.40 U	1.3 B	0.5 U	0.5 U	0.5 U		10	10	
Sodium	19,400	17,300 J	29,900 J	16,000 J	20,300	20,800	20,300	20,800			5,000	
Thallium	4.7 B	1.8 U	1.9 B	1.8 U	1.5 R	2.1 J	1.5 UJ	1.5 UJ		40	10	
Vanadium	1.0 U	10.4 B	12.0 B	3.2 B	1.0 U	4.1 B	1.0 U	7.5 B			50	
Zinc	9.0 B	15.2 B	0.50 U	0.50 UJ	4.3 U	4.9 B	4.3 U	4.3 U		86	20	
Inorganics - Metals and Cyanide (Total)												
Aluminum	141 J	457	1,190	11,500 J	178 J	161 B	303 J	84.8 B				
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U				
Arsenic	2.4 UJ	2.5 UJ	6.8 B	11.1	3.6 U	3.6 U	3.6 UJ	3.6 UJ				
Barium	195 B	214 J	251 J	313 J	144 J	197 B	202	205				
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U				
Cadmium	0.10 U	0.10 U	0.10 U	0.10 UJ	0.2 U	0.6 B	0.4 B	0.4 B				
Calcium	197,000	173,000 J	235,000 J	303,000 J	235,000	201,000	205,000	225,000				
Chromium	0.60 B	3.1 B	0.20 U	15.9	2.9 B	1.7 B	0.4 UJ	2.7 B				
Cobalt	0.30 B	0.90 B	3.0 B	11.5 B	0.5 U	0.9 B	0.5 U	0.5 U				
Copper	5.40 B	5.3 B	6.0 B	23.7 B	6.7 B	6.2 B	6.6 B	5.5 B				
Cyanide	0.60 U	0.60 U	0.60 U	0.60 U	0.2 U	0.2 U	1.6 U	1.6 U		10	10	
Iron	523	2,090	4,050 J	25,500	465	412 J	954 J	266				
Lead	0.80 UJ	3.4	4.8	21.1	1.6 UJ	1.6 U	3.7 J	4.2 J				
Magnesium	35,600	34,300 J	475,000 J	88,000 J	41,500	36,500	36,100	39,900				
Manganese	19.3	106.0	535 J	748	21.7	40.1 J	44.6	27.7				
Mercury	0.10 U	0.10 U	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 B				
Nickel	0.40 U	0.40 B	1.9 B	21.8 B	0.4 U	0.6 B	0.7 B	0.4 U				
Potassium	2,220 J	2,480.0 B	3,010 J	4,840 J	2,390 J	2,130 B	2,800 J	2,750 B				
Selenium	3.9 U	3.1 UJ	3.1 UJ	3.1 U	3.3 R	3.3 U	3.3 U	3.3 U				
Silver	0.30 U	0.40 U	0.40 U	0.40 U	1.5 B	0.5 U	0.5 U	0.5 U				
Sodium	18,700	17,000 J	18,000 J	16,400 J	23,800	19,300	19,500	22,700				
Thallium	2.2 B	1.8 U	1.8 U	1.8 U	1.5 UJ	2.7 J	1.5 UJ	1.5 UJ				
Vanadium	1.0 U	12.4 B	14.5 B	31.7 B	1.0 U	4.7 B	1.0 U	7.7 B				
Zinc	11.5 J	20.7	4.8 B	67.7 J	4.3 U	4.3 U	4.3 U	4.3 U				
Volatile Organic Compounds (VOCs)												
Semi-Volatile Organic Compounds (SVOCs)												
Pesticides / PCBs												

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UI = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detained summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling of this well is no longer required based on petition report dated 05/15/08 and EPA approval letter dated 11/24/09.

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-07R

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)										TRIGGER LEVEL	CRQL
	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	Sep-10	Mar-11		
Inorganics - Metals (Dissolved)¹⁴			Insufficient Volume									
Aluminum	15.3 U	15.3 U	—	26.9 U	26.9 B	143 B	69 B	0.20 U	0.15 B			200
Antimony	1.6 U	1.6 U	—	4.8 U	4.8 U	4.8 U	60 U	0.0088 B	0.060 U	60		
Arsenic	2.5 U	2.5 U	—	3.6 U	3.6 U	3.6 UJ	4.2 B	0.0081 B	0.010 U	20		10
Barium	88.0 J	59.3 B	—	41.8 B	54.6 B	47.0 B	67.2 B	41 B	0.075 BJ	0.047 B	1,000	200
Beryllium	0.10 U	0.10 U	—	2.3 U	2.3 U	2.3 U	2.3 U	5.0 UJ	0.0050 U	0.0050 U	5	5
Cadmium	0.10 U	0.10 U	—	0.2 U	0.2 U	0.2 U	0.2 U	5.0 U	0.00051 B	0.0050 U	5	5
Calcium	175,000 J	270,000	—	191,000	245,000	292,000	228,000	178,000	224 J	184 J		5,000
Chromium	2.0 B	0.2 U	—	2.5 B	0.4 U	0.4 UJ	2.7 B	10 U	0.010 U	0.010 U	11	10
Cobalt	0.3 U	1.9 B	—	0.7 B	4.0 B	4.4 B	0.5 U	0.005 B	0.0028 B	0.00084 B		50
Copper	3.6 B	0.6 U	—	4.9 B	5.5 B	6.6 B	5.8 B	7.5 B	0.025 U	0.0055 B	25	25
Iron	8.1 U	419	—	244	562	2210	9.4 B	100 U	3.67	0.10 U	7,000	100
Lead	2.9 B	1.2 U	—	1.6 UJ	2.8 B	1.6 U	3.6	2.8 J	0.0030 U	0.0030 U	4.2	3
Magnesium	30,200 J	45,600 J	—	32,500	42,100	51,900	39,000	31,700	38.5 J	32.2		5,000
Manganese	0.3 B	2,780 J	—	251	2,340	3,170 J	236	100	1.65	0.15		15
Mercury	0.10 UJ	0.10 U	—	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U	0.00020 U	0.00020 U	0.2	0.2
Nickel	0.4 U	0.90 B	—	0.4 U	3.1 B	3.8 B	0.9 B	1.2 B	0.0042 B	0.040 U	96	40
Potassium	1,620 B	2,660 B	—	1,720 B	1,830 B	2,690 B	1,210 B	1,000 B	1.97 B	1.60 B		5,000
Selenium	3.1 U	3.1 U	—	3.3 UJ	3.3 UJ	3.3 U	3.3 U	5.0 U	0.0050 U	0.0050 U	8.5	5
Silver	0.4 U	0.50 B	—	1.4 B	0.5 U	0.5 U	0.5 U	10 U	0.010 U	0.010 U	10	10
Sodium	13,500 J	2,300 J	—	14,300	18,800	26,500	19,600	10,900	16.2	10.2		5,000
Thallium	1.8 U	1.8 U	—	1.5 R	1.5 U	1.5 UJ	1.5 UJ	10 U	0.0048 BJ	0.010 U	40	10
Vanadium	9.8 B	12.8 B	—	1.0 U	7.6 B	1.0 U	8.7 B	12 J	0.0064 B	0.0060 B		50
Zinc	17.1 B	1.1 B	—	4.3 U	4.3 U	4.3 U	4.3 U	20 U	0.020 U	0.0052 B	86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	77.7 B	1,220	—	263 J	76.5 B	780 J	104 B	484	0.20 U	0.053 B		
Antimony	1.6 U	1.6 U	—	4.8 U	4.8 U	4.8 U	4.8 U	60 U	0.060 U	0.060 U		
Arsenic	2.5 UJ	2.5 U	—	3.6 U	3.6 U	3.6 UJ	3.6 UJ	3.9 B	0.0095 B	0.010 U		
Barium	95.0 J	115.0 J	—	57.9 J	56.7 B	74.6 B	70.3 B	150 B	0.070 BJ	0.054 B		
Beryllium	0.10 U	0.10 U	—	2.3 U	2.3 U	2.3 U	2.3 U	0.13 B	0.0050 U	0.0050 U		
Cadmium	0.10 U	0.10 UJ	—	0.2 U	0.2 U	0.2 U	0.2 U	5.0 U	0.00058 B	0.0050 U		
Calcium	177,000 J	304,000 J	—	200,000	240,000	289,000	236,000	189,000	222.0 J	189 J		
Chromium	2.2 B	0.20 U	—	2.4 B	0.4 U	0.4 UJ	2.7 B	10 U	0.010 U	0.00048 B		
Cobalt	0.3 U	2.9 B	—	0.6 B	3.6 B	5.5 B	0.5 U	2.7 B	0.0031 B	0.050 U		
Copper	5.7 B	0.60 U	—	7.2 B	6.3 B	8.7 B	6.7 B	22 B	0.023 B	0.0080 B		
Cyanide	0.6 U	2.7 B	—	0.2 U	0.2 U	1.6 U	5.3 B	5.0	0.0050 U	0.0050 U	10.0	10.0
Iron	151	4740.0 J	—	434	1,090 J	7,910 J	527	8,300	2.28	0.12		
Lead	3.3	3.1	—	1.6 UJ	2.8 B	3.4 J	5.0 J	10 J	0.0026 B	0.0030 U		
Magnesium	30,400 J	53,500 J	—	34,000	41,100	51,500	39,800	38,200	37.3 J	32.6		
Manganese	21.5	2,830 J	—	75.3	2280 J	3200	247	200	1.53	0.17		
Mercury	0.10 U	0.10 U	—	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U	0.00020 U	0.00020 U		
Nickel	0.40 U	4.3 B	—	0.4 U	2.8 B	4.5 B	0.5 B	7.5 B	0.048 B	0.040 U		
Potassium	1,890 B	3,190 J	—	1,740 J	1,770 B	2,730 J	1,290 B	2,240 B	1.90 B	1.80 B		
Selenium	3.1 U	3.1 UJ	—	3.3 R	3.3 U	3.3 U	3.3 U	5.0 U	0.0050 U	0.0050 U		
Silver	0.40 UJ	0.40 U	—	1.1 B	0.5 U	0.5 U	0.5 U	10 U	0.010 U	0.010 U		
Sodium	13,700 J	24,800 J	—	14,600	18,100	25,600	20,000	10,400	15.7	10.9		
Thallium	2.0 B	1.8 U	—	1.5 UJ	1.5 U	1.5 UJ	1.5 UJ	10 U	0.0059 BJ	0.010 U		
Vanadium	11.6 B	13.8 B	—	1.0 U	9.0 B	1.0 U	8.4 B	18 B	0.0059 B	0.0072 B		
Zinc	18.9 B	4.2 B	—	4.3 U	4.3 U	4.3 U	10.6 B	28	0.042	0.012 B		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	NS	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	—	BRL	BRL	BRL	BRL	BRL	NS	BRL		
Pesticides / PCBs	BRL	BRL	—	BRL	BRL	BRL	BRL	BRL	NS	BRL		

1) All results expressed in micrograms per liter (µg/L).

2) Standard Inorganic Data Qualifiers have been used.

3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.

4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.

5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ

6) — = No Sample Available (Well Dry or Insufficient Volume)

7) U = Indicates compound was analyzed for but not detected.

8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.

9) B = (Organics) Indicates the analyte was detected in the Method Blank.

10) UJ = A value less than the CRQL but greater than the MDL.

11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.

12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.

13) CRQL = Contract Required Quantitation Limit

14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity filter water.

15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.

17) NS-no sampling required for that event

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-24

Quarterly Sampling Results (All Results Expressed in Units of µg/l)										TRIGGER LEVEL	CRQL
Compound	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10		
Inorganics - Metals (Dissolved)¹⁴	Annual	Not Sampled	Not Sampled	Not Sampled	Annual	Not Sampled	Not Sampled	Not Sampled	Sampling no longer required see note 16		
Aluminum	15.6 B				35.3 B					200	
Antimony	2.4 U				4.8 U					60	60
Arsenic	3.7 B				5.0 J					20	10
Barium	86.7 B				101 B					1,000	200
Beryllium	0.10 U				2.3 U					5	5
Cadmium	0.10 U				0.2 U					5	5
Calcium	119,000				122000						5,000
Chromium	0.30 U				2.1 B					11	10
Cobalt	0.20 U				0.5 U						50
Copper	1.6 B				4.9 B					25	25
Iron	514.0				984					7,000	100
Lead	1.80 B				1.6 UJ					4.2	3
Magnesium	25,900				30000						5,000
Manganese	96.1				232						15
Mercury	0.10 U				0.1 U					0.2	0.2
Nickel	0.40 U				0.4 U					96	40
Potassium	2,520 B				3640 B						5,000
Selenium	3.9 U				3.3 U					8.5	5
Silver	0.30 U				0.5 U					10	10
Sodium	15,700 B				101000						5,000
Thallium	6.7 B				1.5 R					40	10
Vanadium	1.0 U				1.0 U						50
Zinc	12.5 B				4.3 U					86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	4,870 J				363 J						
Antimony	2.4 U				4.8 U						
Arsenic	2.4 UJ				4.3 J						
Barium	109 B				105 J						
Beryllium	0.20 B				2.3 U						
Cadmium	0.10 U				0.2 U						
Calcium	171,000				135000						
Chromium	8.2 B				3.2 B						
Cobalt	5.0 B				0.5 U						
Copper	9.9 B				5.6 B						
Cyanide	1.30 B				0.7 B					10	10
Iron	11,600				1900						
Lead	4.3 J				1.6 UJ						
Magnesium	35,000				33000						
Manganese	420				261						
Mercury	0.10 U				0.1 U						
Nickel	9.4 B				0.4 U						
Potassium	4,020 J				3780 J						
Selenium	3.9 U				3.3 R						
Silver	0.30 U				0.6 B						
Sodium	15,100				93800						
Thallium	1.9 B				1.5 UJ						
Vanadium	6.9 B				1.0 U						
Zinc	44.9 J				4.3 U						
Volatile Organic Compounds (VOCs)	BRL				BRL						
Semi-Volatile Organic Compounds (SVOCs)	BRL				BRL						
Pesticides / PCBs	BRL				BRL						

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling of this well is no longer required based on petition report dated 05/15/08 and EPA approval letter dated 11/24/09.

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-26

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)										TRIGGER LEVEL	CRQL
	Jun-08	Sep-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	Sep-10	Mar-11			
Inorganics - Metals (Dissolved)¹⁴	Not Sampled	Not Sampled	Annual	Not Sampled	Not Sampled	Not Sampled	Semi-annual	Semi-annual	Semi-annual			
Aluminum			26.9 U				470	0.20	0.15 B		200	
Antimony			4.8 U				60 U	0.060	0.060 U	60	60	
Arsenic			3.6 U				10 U	0.0038	0.010 U	20	10	
Barium			780				300	0.60 J	0.83	1,000	200	
Beryllium			2.3 U				5.0 UJ	0.0050	0.0050 U	5	5	
Cadmium			0.2 U				5.0 U	0.00048	0.0050 U	5	5	
Calcium			67900				72000	61.6 J	68.0 J		5,000	
Chromium			2.6 B				10 U	0.010	0.00043 B	11	10	
Cobalt			0.5 U				0.92 B	0.0017	0.050 U		50	
Copper			5.5 B				8.6 B	0.025	0.0072 B	25	25	
Iron			68.4 B				100 U	0.18	0.068 B	7,000	100	
Lead			1.6 UJ				3.0 J	0.0030	0.0030 U	4.2	3	
Magnesium			36,100				38,100	32.3 J	36.30		5,000	
Manganese			77.7				52	0.092	0.080		15	
Mercury			0.1 U				0.20 U	0.00020	0.00020 U	0.2	0.2	
Nickel			0.4 U				40 U	0.0036	0.040 U	96	40	
Potassium			20,100				16,300	17.6	19.8		5,000	
Selenium			3.3 UJ				5.0 U	0.0050	0.0050 U	8.5	5	
Silver			0.5 U				10 U	0.010	0.010 U	10	10	
Sodium			195,000				144,000	189	185		5,000	
Thallium			1.5 R				10 U	0.0045 J	0.010 U	40	10	
Vanadium			1 U				13 J	0.0057	0.0071 B		50	
Zinc			4.3 U				20 U	0.020	0.020 U	86	20	
Inorganics - Metals and Cyanide (Total)												
Aluminum			92.4 J				390	0.52	0.064 B			
Antimony			4.8 U				60 U	0.060	0.060 U			
Arsenic			3.6 U				10 U	0.011	0.010 U			
Barium			859 J				300	0.62 EJ	0.79			
Beryllium			2.3 U				5.0 UJ	0.0050	0.0050 U			
Cadmium			0.2 U				5.0 U	0.00045	0.0050 U			
Calcium			73,600				77,800	67.2 J	64.4 J			
Chromium			2.8 B				10 U	0.010	0.0064 B			
Cobalt			0.5 U				50 U	0.0032	0.050 U			
Copper			6.0 B				17 B	0.025	0.0079 B			
Cyanide			0.2 U				7.4	0.0 U	0.0050 U	10	10	
Iron			465				270.0	2.22	0.24			
Lead			1.6 U				4.1 J	0.0030	0.0030 U			
Magnesium			39200				40600	32.8 J	34.0			
Manganese			88.5				55.0	0.13	0.061			
Mercury			0.1 U				0.20 U	0.00020	0.00020 U			
Nickel			0.4 U				1.7 B	0.0059	0.040 U			
Potassium			21,900 J				17,400	17.7	19.0			
Selenium			3.3 R				5.0 U	0.0050	0.0050 U			
Silver			0.5 U				10 U	0.010	0.010 U			
Sodium			213,000				154,000	187	184			
Thallium			1.5 UJ				10 U	0.0021 J	0.010 U			
Vanadium			1.0 U				12 J	0.0069	0.0064 B			
Zinc			4.3 U				20 U	0.020	0.020 U			
Volatile Organic Compounds (VOCs)			BRL				BRL	Not sampled	BRL			
Semi-Volatile Organic Compounds (SVOCs)			BRL				BRL	Not Sampled	BRL			
Pesticides / PCBs			BRL				BRL	Not Sampled	BRL			

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ.
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UI = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-30

Compound	Quarterly Sampling Results (All Results Expressed in Units of mg/l)									TRIGGER LEVEL	CRQL
	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10		
Inorganics - Metals (Dissolved)¹⁴	Annual	Not Sampled	Not Sampled	Not Sampled	Annual	Not Sampled	Not Sampled	Not Sampled			
Aluminum	15.4 U				26.9 U						
Antimony	2.4 U				4.8 U						
Arsenic	2.6 B				3.6 U						
Barium	188.0 B				439						
Beryllium	0.10 U				2.3 U						
Cadmium	0.10 U				0.2 U						
Calcium	58,000				68900						
Chromium	0.30 B				2.5 B						
Cobalt	0.20 U				0.5 U						
Copper	2.2 B				4.9 B						
Iron	127.0				342						
Lead	0.80 U				1.6 UJ						
Magnesium	28,300				31400						
Manganese	17.3				30.8						
Mercury	0.10 U				0.1 U						
Nickel	0.70 B				0.4 U						
Potassium	12,200				12800						
Selenium	3.9 U				3.3 UJ						
Silver	0.30 U				0.5 B						
Sodium	138,000				144000						
Thallium	4.5 B				1.5 R						
Vanadium	1.0 U				1.0 U						
Zinc	7.7 B				4.3 U						
Inorganics - Metals and Cyanide.											
(Total)											
Aluminum	15.4 UJ				57.7 J						
Antimony	2.4 U				4.8 U						
Arsenic	2.4 UJ				5.1 J						
Barium	201.0				495.0 J						
Beryllium	0.10 U				2.30 U						
Cadmium	0.10 U				0.20 U						
Calcium	61,100				74,000						
Chromium	0.50 B				2.00 B						
Cobalt	0.20 U				0.50 U						
Copper	4.3 B				5.4 B						
Cyanide	0.60 U				0.20 U						
Iron	303				622						
Lead	0.80 UJ				1.60 UJ						
Magnesium	29,600				34,200						
Manganese	22.4				36.8						
Mercury	0.10 U				0.10 U						
Nickel	0.40 U				0.40 U						
Potassium	13,400 J				13,700 J						
Selenium	3.9 U				3.3 R						
Silver	0.30 U				0.70 B						
Sodium	145,000				153,000						
Thallium	3.9 B				1.5 UJ						
Vanadium	1.2 B				1.0 U						
Zinc	10.3 J				4.3 U						
Volatile Organic Compounds (VOCs)	BRL				BRL						
Semi-Volatile Organic Compounds (SVOCs)	BRL				BRL						
Pesticides / PCBs	BRL				BRL						

Notes:

- 1) All results expressed in micrograms per liter ($\mu\text{g/L}$).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling of this well is no longer required based on petition report dated 05/15/08 and EPA approval letter dated 11/24/09.

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-58

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)											TRIGGER LEVEL	CRQL
	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	Sep-10	Mar-11			
Inorganics - Metals (Dissolved)¹⁴													
Aluminum	15.3 U	15.3 U	15.3 U	26.9 U	26.9 U	60.7 B	419	59 B	0.20 U	0.20 U			200
Antimony	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U	0.0037 B	0.060 U	60		60
Arsenic	2.5 U	2.5 UJ	5.6 B	3.6 U	3.6 U	3.6 UJ	3.6 UJ	3.6 J	0.0044 B	0.0038 J	20		10
Barium	129 J	114 B	122 B	113 B	121 B	116 B	113 B	110 B	0.11 BJ	0.10 B	1,000		200
Beryllium	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U	0.75 J	0.0050 U	0.0050 U	5		5
Cadmium	0.10 U	0.10 U	0.10 U	0.2 U	0.8 B	0.4 B	0.4 B	5.0 U	0.00028 B	0.00012 B	5		5
Calcium	107,000 J	107,000	105,000 J	101,000	101,000	101,000	100,000	98,600	96.3 J	89.5 J			5,000
Chromium	1.9 B	0.20 U	0.20 U	2.0 B	0.7 B	0.4 UJ	2.1 B	10 U	0.010 U	0.010 U	11		10
Cobalt	0.30 U	0.30 U	0.30 U	0.5 U	0.5 B	0.5 U	0.5 U	0.93 B	0.050 U	0.050 U			50
Copper	2.4 B	2.5 B	0.60 U	4.3 B	5.0 B	5.6 B	5.2 B	25 U	0.025 U	0.025 U	25		25
Iron	8.1 U	8.1 U	8.1 U	5.3 U	5.7 B	5.3 U	9.3 B	70 B	0.31	0.10 U	7,000		100
Lead	1.2 U	2.6 B	1.2 U	1.6 UJ	1.6 U	3.0 J	2.8 B	3.0 U	0.0030 U	0.0030 UJ	4.2		3
Magnesium	33,100 J	31,700 J	31,600 J	29,600	30,000	31,200	31,800	30,100	27.2 J	25.1			5,000
Manganese	4.4 B	5.3 J	34.8	0.5 U	0.5 U	25.1 J	26.2	62 J	0.0034 B	0.0095 B			15
Mercury	0.10 UJ	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U	0.08 B	0.00020 U	0.00012 B	0.2		0.2
Nickel	0.40 U	0.40 U	0.40 U	0.4 U	0.4 U	0.4 U	0.4 U	3.1 B	0.0017 B	0.0072 B	96		40
Potassium	3,660 B	3,210 B	3,800 J	3,270 B	3,380 B	3,840 B	3,820 B	3,740 B	3.07 B	5.33			5,000
Selenium	3.1 U	3.1 UJ	3.1 UJ	3.3 U	3.3 U	3.3 U	3.3 U	5.0 U	0.0050 U	0.0050 U	8.5		5
Silver	0.40 U	0.40 U	0.40 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5 B	0.010 U	0.010 U	10		10
Sodium	27,500 J	24,200 J	28,200 J	23,000	26,800	29,500	29,200	28,200	25.0	23.6			5,000
Thallium	1.8 U	2.1 B	1.8 U	1.5 R	4.5 J	1.5 UJ	1.5 UJ	5.7 B	0.0048 BJ	0.010 UJ	40		10
Vanadium	9.8 B	9.6 B	3.2 B	1.0 U	4.1 B	1.0 U	6.3 B	11 J	0.0043 B	0.0012 B			50
Zinc	9.2 B	0.50 U	0.50 UJ	4.3 U	14.6 B	4.3 U	4.3 U	20 U	0.0075 B	0.020 U	86		20
Inorganics - Metals and Cyanide (Total)													
Aluminum	475	1188 B	1,390 J	284 J	265	1,140 J	1,230	1,090	0.20 B	1.18			
Antimony	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U	0.0037 B	0.060 U			
Arsenic	2.5 UJ	2.5 U	5.3 B	4.0 J	3.6 U	3.6 UJ	3.6 UJ	10 UJ	0.0043 B	0.0037 J			
Barium	120 J	133 J	135 J	122 J	133 B	122 B	124 B	130 B	0.1100 BJ	0.12 B			
Beryllium	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U	5.0 UJ	0.0050 U	0.0050 U			
Cadmium	0.10 U	0.10 UJ	0.10 UJ	0.2 U	1.0 B	0.7 B	0.7 B	5.0 U	0.00019 B	0.00029 B			
Calcium	95,600 J	124,000 J	114,000 J	109,000	110,000	108,000	109,000	112,000	96.3 J	99.4 J			
Chromium	2.9 B	0.20 U	0.90 B	2.3 B	2.0 B	0.4 UJ	2.6 B	10 U	0.010 U	0.010 U			
Cobalt	0.30 U	0.30 U	0.30 U	0.5 U	0.5 B	0.5 U	0.5 U	1.3 B	0.0012 B	0.0011 B			
Copper	4.6 B	3.6 B	0.60 U	6.2 B	5.6 B	7.1 B	6.9 B	2.2 B	0.0013 B	0.0025 B			
Cyanide	0.60 U	1.3 B	0.90 B	0.2 U	0.2 U	1.6 U	1.6 U	5.0 U	0.0050 U	0.0050 U	10		10
Iron	1,260	859 J	2,890	769	615 J	1970 J	2750	2780	0.42	3.42			
Lead	1.2 U	4.2	3.0 UJ	1.6 UJ	1.6 U	3.7 J	3.7	2.6 B	0.0030 U	0.0031 J			
Magnesium	30,000 J	35,100 J	33,000 J	31,500	32,100	31,800	32,000	32,400	27.1 J	27.5			
Manganese	45.4	30.2 J	92.0	24.2	16.1 J	56.7	78.9	86 J	0.019	0.096			
Mercury	0.10 U	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U	0.00020 U	0.00014 B			
Nickel	0.80 B	0.40 U	1.3 B	0.4 U	1.0 B	1.3 B	1.6 B	4.1 B	0.0031 B	0.010 B			
Potassium	3,430 B	3,450 J	3,750 J	3,340 J	3,480 B	3,490 J	3,530 B	3,740 B	2.81 B	5.60			
Selenium	31.0 U	3.1 UJ	3.1 U	3.3 R	3.3 U	3.3 U	3.3 U	5.0 U	0.0050 U	0.0050 U			
Silver	0.40 UJ	0.40 U	0.40 U	0.5 B	0.5 U	0.5 U	0.5 U	10 U	0.010 U	0.010 U			
Sodium	25,200 J	27,000 J	23,800 J	23,400	27,900	25,000	24,300	26,600	23.3	23.0			
Thallium	1.8 U	1.8 U	1.8 U	1.5 UJ	6.4 J	1.5 UJ	1.5 UJ	2.7 B	0.0020 BJ	0.010 UJ			
Vanadium	10.1 B	12.3 B	5.0 B	1.0 U	4.0 B	1.0 U	8.2 B	11 J	0.0055 B	0.0036 B			
Zinc	15.1 B	0.50 U	0.50 UJ	4.3 U	4.3 U	4.3 U	4.3 U	8.2 B	0.0066 B	0.0047 B			
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	NS	BRL			
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	NS	BRL			
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	NS	BRL			

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.
- 17) NS-no sampling required for that event

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-59

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)											TRIGGER LEVEL	CRQL
	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	Sep-10	Mar-11			
Inorganics - Metals (Dissolved)¹⁴													
Aluminum	15.3 U	15.3 U	15.3 U	29.9 B	26.9 U	61.7 B	121 B	50 B	0.12 B	0.20 U			200
Antimony	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U	0.060 U	0.060 U	60		60
Arsenic	2.5 U	2.5 U	4.6 J	3.6 U	3.6 U	3.6 UJ	3.6 UJ	51 B	0.0068 B	0.010 U	20		10
Barium	43.5 J	45,400 B	38.3 B	46.6 B	35.0 B	42.0 B	33.3 B	28 B	0.041 B	0.038 B	1,000		200
Beryllium	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U	50 UJ	0.0050 UJ	0.0050 U	5		5
Cadmium	0.10 U	0.10 U	0.10 U	0.2 U	0.2 U	0.2 U	0.2 U	50 U	0.00044 B	0.0050 U	5		5
Calcium	155,000 J	208,000 U	189,000 J	191,000	180,000	204,000	163,000	159,000	179 J	162 J			5,000
Chromium	1.8 B	0.20 U	0.20 U	3.3 B	0.4 U	0.4 UJ	2.8 B	10 U	0.010 U	0.010 U	11		10
Cobalt	0.30 U	0.30 U	0.30 U	0.5 U	0.5 U	0.5 U	0.5 U	50 U	0.0019 B	0.050 U			50
Copper	2.9 B	3.3 B	0.60 U	5.4 B	5.9 B	6.9 B	4.9 B	7.0 B	0.025 U	0.025 U	25		25
Iron	8.1 U	8.1 U	53.0 B	5.3 U	5.3 U	5.3 U	24.8 B	100 U	0.41	0.10 U	7,000		100
Lead	1.7 B	1.6 B	1.2 U	1.6 UJ	1.6 U	4.3 U	4.5*	2.9 J	0.0030 U	0.0024 J	4.2		3
Magnesium	25,200 J	43,200 J	43,100 J	37,400	29,800	41,600	26,500	26,200	34.5 J	29.7			5,000
Manganese	0.20 U	0.20 UJ	0.20 U	0.5 U	0.5 U	0.5 UJ	0.5 U	15 U	0.034	0.0023 B			15
Mercury	0.10 UJ	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 B	0.00020 U	0.00013 B	0.2		0.2
Nickel	0.40 U	0.40 U	0.40 U	0.4 U	0.4 U	0.4 U	0.4 U	1.2 B	0.0044 B	0.014 B	96		40
Potassium	11,100	17,800	12,200 J	16,700	19,700	18,900	15,500	11,100	13.8	15.7			5,000
Selenium	3.1 U	3.1 U	3.1 UJ	3.7 J	3.3 UJ	3.3 U	3.3 U	50 U	0.0050 U	0.0050 U	8.5		5
Silver	0.40 U	0.50 B	0.40 U	0.9 B	0.5 U	0.5 U	0.5 U	10 U	0.010 U	0.010 U	10		10
Sodium	41,800 J	95,500 J	90,500 J	83,100	60,700	105,000	51,700	46,600	81.7	62.7			5,000
Thallium	2.1 B	3.7 B	1.8 U	1.5 R	1.5 U	1.5 UJ	1.5 UJ	10 U	0.0052 BJ	0.010 UJ	40		10
Vanadium	7.4 B	14.0 B	3.2 B	1.0 U	4.9 B	1.0 U	7.4 B	11 J	0.0060 B	0.0018 B			50
Zinc	12.3 B	0.50 U	0.50 UJ	4.3 U	7.3 B	4.3 U	4.3 U	20 U	0.020 U	0.020 U	86		20
Inorganics - Metals and Cyanide (Total)													
Aluminum	451	674	578 J	251 J	35.1 B	70.9 J	308	82 B	0.20 U	0.20 U			
Antimony	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U	0.0037 B	0.0047 B			
Arsenic	2.5 UJ	2.5 U	6.7 B	5.3 J	3.6 U	3.6 UJ	3.6 UJ	10 U	0.0085 B	0.010 U			
Barium	46.8 B	60.3 J	53.9 J	50.0 J	35.7 B	37.4 B	39.8 B	28 B	0.038 BJ	0.045 B			
Beryllium	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U	50 UJ	0.0050 U	0.0050 U			
Cadmium	0.10 U	0.10 UJ	0.10 UJ	0.2 U	0.2 U	0.2 U	0.2 U	50 U	0.00046 B	0.0050 U			
Calcium	136,000 J	209,000 J	207,000 J	203,000	187,000	185,000	180,000	158,000	180 J	173 J			
Chromium	2.7 B	0.20 U	0.20 B	2.7 B	0.4 U	0.4 UJ	2.2 B	10 U	0.010 U	0.010 U			
Cobalt	0.50 B	1.1 B	0.30 U	0.5 U	0.5 U	0.5 U	0.5 U	50 U	0.0015 B	0.050 U			
Copper	4.8 B	4.8 B	0.60 U	7.3 B	8.2 B	6.8 B	7.1 B	7.3 B	0.025 U	0.025 U			
Cyanide	0.60 U	3.9 B	0.60 U	0.2 U	0.2 U	1.6 U	3.0 B	50 U	0.0027 B	0.0006 B	10		10
Iron	1,440	2,430 J	1,620	671	20.2 J	86.0 J	854	30 B	0.23	0.10 UJ			
Lead	3.8	3.8 J	3.0 UJ	1.6 UJ	1.6 U	1.6 U	4.8 J	2.1 J	0.0030 U	0.0016 J			
Magnesium	21,800 J	425,000 J	45,200 J	36,900	31,300	34,800	27,900	25,100	34.8 J	28.1			
Manganese	47.7	181 J	94.8	30.5	0.9 J	7.3 B	36.4	6.0 B	0.016	0.0050 J			
Mercury	0.10 UJ	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 B	0.20 U	0.00020 U	0.00015 B			
Nickel	1.2 B	1.5 B	0.90 B	0.4 U	0.4 U	0.4 U	0.4 U	40 U	0.0037 B	0.015 B			
Potassium	10,100	19,600 J	12,900 J	18,200 J	21,200	25,400 J	14,100	9,920	14.3	16.0			
Selenium	3.1 U	3.1 UJ	3.1 U	3.3 R	3.3 UJ	3.3 U	3.3 U	5.0 U	0.0050 U	0.0050 U			
Silver	0.40 U	0.40 U	0.40 U	1.0 B	0.5 U	0.5 U	0.5 U	10 U	0.010 U	0.010 U			
Sodium	36,800 J	95,300 J	93,600 J	77,900	61,800	86,500	54,800	41,800	81.8	51.7			
Thallium	1.8 U	1.8 J	1.8 U	1.5 UJ	1.5 U	1.5 UJ	1.5 UJ	10 U	0.0057 BJ	0.010 UJ			
Vanadium	7.2 B	9.3 B	5.5 B	1.0 U	7.3 B	1.0 U	6.9 B	8 J	0.0064 B	0.0010 B			
Zinc	17.0 B	0.50 U	0.50 UJ	4.3 U	5.9 B	4.3 U	4.3 U	20 U	0.020 U	0.020 U			
Volatile Organic Compounds (VOCs)													
Semi-Volatile Organic Compounds (SVOCs)													
Pesticides / PCBs													
Notes:													
1) All results expressed in micrograms per liter (µg/L).													
2) Standard Inorganic Data Qualifiers have been used.													
3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.													
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.													
5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ													
6) — = No Sample Available (Well Dry or Insufficient Volume)													
7) U = Indicates compound was analyzed for but not detected.													
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.													
9) B = (Organics) Indicates the analyte was detected in the Method Blank.													
10) UJ = A value less than the CRQL but greater than the MDL.													
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.													
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.													
13) CRQL = Contract Required Quantitation Limit													
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.													
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.													
* Field duplicate value of 2.8 was below Trigger Level.													
16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.													
17) NS-no sampling required for that event													

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-60

Compound	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	Trigger Level	CRQL
Inorganics - Metals (Dissolved)¹⁴			Insufficient Volume	Insufficient Volume							
Aluminum	15.4 U	15.3 U	—	—	28.6 B	26.9 U	65.6 B	109 B			
Antimony	2.4 U	1.6 U	—	—	4.8 U	4.8 U	4.8 U	4.8 U		200	
Arsenic	2.4 U	2.5 U	—	—	3.6 U	3.6 U	3.6 UJ	3.6 UJ		60	60
Barium	64.1 B	87.4 J	—	—	59.9 B	90.5 B	59.3 B	80.4 B		20	10
Beryllium	0.10 U	0.10 U	—	—	2.3 U	2.3 U	2.3 U	2.3 U		1,000	200
Cadmium	0.10 U	0.10 U	—	—	0.2 U	0.2 U	0.2 U	0.2 U		5	5
Calcium	160,000	124,000 J	—	—	153,000	259,000	139,000	244,000			5,000
Chromium	1.2 B	1.4 B	—	—	2.7 B	0.8 B	0.4 UJ	3.8 B		11	10
Cobalt	0.20 U	0.30 U	—	—	0.5 U	0.5 U	1.7 B	0.5 U			50
Copper	3.80 B	3.6 B	—	—	5.7 B	8.9 B	6.1 B	8.3 B		25	25
Iron	8.5 U	8.1 U	—	—	5.3 U	13.2 B	2,420	130		7,000	100
Lead	0.80 U	2.9 B	—	—	1.6 UJ	2.2 B	2.4 J	3.6		4.2	3
Magnesium	23,800	16,100 J	—	—	35,500	68,900	33,500	61,300			5,000
Manganese	0.30 U	0.20 U	—	—	0.5 U	0.5 U	742 J	1.4 B			15
Mercury	0.10 U	0.10 UJ	—	—	0.1 U	0.1 U	0.1 U	0.1 U		0.2	0.2
Nickel	0.40 U	0.40 U	—	—	0.4 U	0.4 U	1.7 B	0.4 U		96	40
Potassium	6,650	9,980	—	—	6,120	7,220	5,980	5,020			5,000
Selenium	3.9 U	3.2 B	—	—	3.3 UJ	3.3 UJ	3.3 U	3.3 U		8.5	5
Silver	0.30 U	0.40 U	—	—	1.2 B	0.5 U	0.5 U	0.5 U		10	10
Sodium	15,100	7,300 J	—	—	11,900	20,100	9,840	19,300			5,000
Thallium	4.3 B	1.8 U	—	—	1.5 R	1.5 U	1.5 UJ	1.5 UJ		40	10
Vanadium	1.6 B	4.3 B	—	—	1.0 U	10.5 B	1.0 U	8.1 B			50
Zinc	9.1 B	10.1 B	—	—	4.3 U	10.8 B	4.3 U	4.3 U		86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	110 J	127 B	—	—	355 J	9,420	18,100 J	426			
Antimony	2.4 U	1.6 U	—	—	4.8 U	4.8 U	4.8 U	4.8 U			
Arsenic	2.4 UJ	2.5 U	—	—	3.6 U	3.6 U	3.6 UJ	3.6 UJ			
Barium	68.6 B	88.4 J	—	—	66.7 J	123 B	125 B	63.4 B			
Beryllium	0.10 U	0.10 U	—	—	2.3 U	2.3 U	2.3 U	2.3 U			
Cadmium	0.10 U	0.10 U	—	—	0.2 U	0.2 B	3.6 B	0.2 U			
Calcium	144,000	122,000 J	—	—	168,000	244,000	146,000	220,000			
Chromium	1.9 B	1.8 B	—	—	2.9 B	19.8	0.4 UJ	2.8 B			
Cobalt	0.20 U	0.30 U	—	—	0.5 U	8.2 B	18.5 B	0.5 U			
Copper	9.10 B	5.3 B	—	—	8.1 B	20.1 B	39.0 J	8.1 B			
Cyanide	0.60 U	0.60 U	—	—	218	0.2 U	—	4.8 B		10	10
Iron	285	307	—	—	816	21,800 J	42,000 J	648			
Lead	0.80 UJ	1.5 B	—	—	1.6 UJ	10.9	29.4 J	3.8 J			
Magnesium	21,500	16,400 J	—	—	37400	65800	35100	47700			
Manganese	6.6 B	15.5	—	—	25	726 J	1,160	21.5			
Mercury	0.10 U	0.10 UJ	—	—	0.1 U	0.1 U	0.1 U	0.2 B			
Nickel	0.40 U	0.40 U	—	—	0.4 U	18.3 B	36.7 B	0.4 U			
Potassium	7,430 J	9,910	—	—	6,760 J	8,030	9,800 J	4,810 B			
Selenium	3.9 U	3.6 B	—	—	3.3 R	3.3 UJ	3.3 U	3.3 U			
Silver	0.30 U	0.40 U	—	—	0.6 B	0.5 U	0.5 U	0.5 U			
Sodium	13,200	7,450 J	—	—	12,700	17,500	6,900	16,600			
Thallium	2.7 B	1.8 U	—	—	1.5 UJ	1.5 U	1.5 UJ	1.5 UJ			
Vanadium	1.0 U	4.6 B	—	—	1.0 U	29.1 B	26.3 U	6.3 B			
Zinc	15.4 J	12.6 B	—	—	4.3 U	63.9	111	4.3 U			
Volatile Organic Compounds (VOCs)	BRL	BRL	—	—	BRL	BRL	BRL	BRL			
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	—	—	—	—	—	BRL			
Pesticides / PCBs	BRL	BRL	—	—	—	BRL	—	BRL			

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ.
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling of this well is no longer required based on petition report dated 05/15/08 and EPA approval letter dated 11/24/09.

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-61

Compound	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	Sep-10	Mar-11	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)¹⁴											
Aluminum	15.3 U	32.4 B	26.9 U	26.9 U	26.9 U	37.7 B	200 U	0.2 U	0.20 U		200
Antimony	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U	0.0093 B	0.060 U	60	60
Arsenic	2.5 UJ	2.5 U	3.6 U	3.6 U	3.6 UJ	3.6 UJ	10 U	0.012	0.0048 J	20	10
Barium	63.3 B	28.7 B	19.1 B	21.2 B	24.1 B	31.3 B	18 B	0.025 BJ	0.017 B	1,000	200
Beryllium	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U	5.0 UJ	0.0050 U	0.0050 U	5	5
Cadmium	0.10 U	0.10 U	0.2 U	0.2 B	0.6 B	0.5 B	5.0 U	0.0011 B	0.0050 U	5	5
Calcium	222,000	322,000 J	469,000	471,000	296,000	332,000	421,000	374 J	396 J		5,000
Chromium	0.20 U	0.2 U	4.9 B	0.8 B	0.4 UJ	3.7 B	10 U	0.010 U	0.010 U	11	10
Cobalt	0.30 U	1.5 B	1.1 B	1.2 B	0.9 B	0.8 B	0.70 B	0.0035 B	0.0011 B		50
Copper	2.4 B	0.60 U	6.9 B	9.9 B	10.4 B	12.4 B	14 B	0.025 U	0.025 U	25	25
Iron	31.2 B	713	645	17.9 B	5.3 U	1910	100 U	2.81	2.09	5,000	100
Lead	2.0 B	1.2 U	1.6 UJ	2.1 B	5.1 U	3.6	2.7 J	0.0015 B	0.0030 UJ	4.2	3
Magnesium	54,800 J	74,400 J	93,200	101,000	65,400	79,000	99,100	91.2 J	86.0		5,000
Manganese	227 J	881	433	328	409 J	425	86	0.51	0.38		15
Mercury	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.20 U	0.00020 U	0.00014 B	0.2		0.2
Nickel	1.2 B	4.3 B	4.6 B	7.3 B	6.0 B	6.5 B	5.0 B	0.010 B	0.034 B	96	40
Potassium	9,240	10,700 J	14,500	16,600	12,500	12,100	12,800	11.4	10.7		5,000
Selenium	3.1 UJ	3.1 UJ	3.3 U	3.3 UJ	3.3 U	3.3 U	5.0 U	0.0050 U	0.0050 U	8.5	5
Silver	0.40 U	0.70 B	2.1 B	0.5 U	0.5 U	0.5 U	10 U	0.010 U	0.010 U	10	10
Sodium	78,000 J	98,200 J	66,100	74,300	72,000	92,800	71,000	112	52.3		5,000
Thallium	2.7 B	1.8 U	1.5 R	1.5 U	1.5 UJ	1.5 UJ	10 U	0.0047 BJ	0.010 UJ	40	10
Vanadium	12.1 B	5.4 B	1.0 U	12.5 B	1.0 U	10.8 B	16 J	0.0055 B	0.0011 B		50
Zinc	0.50 U	0.50 UJ	4.3 U	4.3 U	4.3 U	4.3 U	20 U	0.020 U	0.020 U	86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	15.3 U	225 J	32.2 J	131.0 B	107.0 J	8620	47 B	0.20 U	0.20 U		
Antimony	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U	0.0098 B	0.060 U		
Arsenic	2.5 U	2.5 U	3.6 U	3.6 U	3.6 UJ	3.6 UJ	4.3 B	0.012	0.010 U		
Barium	34.6 J	372.2 J	17.5 J	20.1 B	25.1 B	122 B	16 B	0.026 BJ	0.018 B		
Beryllium	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U	5.0 UJ	0.0050 U	0.0050 U		
Cadmium	0.10 UJ	0.10 UJ	0.2 U	0.2 U	0.3 B	2.3 B	5.0 U	0.0010 B	0.0050 U		
Calcium	334,000 J	312,000 J	457,000	443,000	340,000	401,000	396,000	349 J	409 J		
Chromium	0.20 U	0.20 U	4.7 B	1.1 B	0.4 UJ	0.4 U	10 U	0.010 U	0.010 U		
Cobalt	0.30 U	0.30 U	0.8 B	0.9 B	1.0 B	8.2 B	0.87 B	0.0031 B	0.00050 B		
Copper	3.9 B	1.3 B	7.5 B	13.8 B	11.5 B	23.1 B	13 B	0.025 U	0.025 U		
Cyanide	1.0 B	0.60 U	196	0.2 U	1.6 U	1.9 B	5.0 U	0.0050 U	0.0029 B	10	10
Iron	133 J	934	161	1,080 J	925 J	32900	220	0.26	0.21		
Lead	1.2 U	3.0 UJ	1.6 UJ	2.7 B	2.7 J	16.9 J	2.4 J	0.0030 U	0.0025 J		
Magnesium	66,000 J	65,000 J	89,300	92,100	74,100	96,900	89,800	78.9 J	84.4		
Manganese	240 J	106	336	253 J	418	896	78	0.12	0.28		
Mercury	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.2	0.20 U	0.00020 U	0.00012 B		
Nickel	2.9 B	4.8 B	3.4 B	7.0 B	5.5 B	23.9 B	4.2 B	0.010 B	0.035 B		
Potassium	13,000 J	11,700 J	14,700 J	15,500	13,500 J	14,000	11,600	12.3	11.2		
Selenium	3.1 UJ	3.1 U	3.3 R	3.3 UJ	3.3 U	3.3 U	5.0 U	0.0050 U	0.0050 U		
Silver	0.70 B	0.50 B	2.1 B	0.5 U	0.5 U	0.5 U	10 U	0.010 U	0.010 U		
Sodium	51,700 J	65,000 J	57,000	67,900	83,800	94,500	51,700	81.2	37.2		
Thallium	2.0 B	1.8 U	1.5 U	1.5 U	1.5 UJ	1.5 UJ	10 U	0.0072 BJ	0.0100 UJ		
Vanadium	13.0 B	5.6 B	1.0 U	14.4 B	1.0 U	20.4 B	13 J	0.0051 B	0.050 U		
Zinc	0.50 U	0.50 UJ	4.3 U	7.4 B	4.3 U	55.6	20 U	0.0049 B	0.020 U		
Volatile Organic Compounds (VOCs)											
Semi-Volatile Organic Compounds (SVOCs)											
Pesticides / PCBs											

Notes:

- All results expressed in micrograms per liter ($\mu\text{g/L}$).
- Standard Inorganic Data Qualifiers have been used.
- Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- = No Sample Available (Well Dry or Insufficient Volume)
- U = Indicates compound was analyzed for but not detected
- B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL
- B = (Organics) Indicates the analyte was detected in the Method Blank
- UJ = A value less than the CRQL but greater than the MDL
- J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- CRQL = Contract Required Quantitation Limit
- Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.
- NS= no sampling required for that event

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-62A

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)									Mar-10	Trigger Level	CRQL
	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09				
Inorganics - Metals (Dissolved)¹⁴												
Aluminum	15.4 U	15.3 U	15.3 U	15.3 U	26.9 U	26.9 U	65.1 B	97.7 B				
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U			200	
Arsenic	2.4 U	2.5 U	2.5 UJ	2.5 U	3.6 U	3.6 U	3.6 UJ	3.6 UJ			60	60
Barium	101 B	88.9 J	98.9 B	97.8 B	105 B	108 B	110 B	110 B			20	10
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U			1,000	200
Cadmium	0.10 U	0.10 U	0.10 U	0.10 U	0.2 U	0.7 B	0.6 B	0.8 B			5	5
Calcium	119,000	114,000 J	127,000	115,000 J	111,000	128,000	126,000	122,000				5,000
Chromium	0.40 B	2.5 B	0.20 U	0.20 U	2.9 B	0.4 U	0.4 UJ	2.8 B			11	10
Cobalt	0.20 U	0.30 U	0.30 U	0.30 U	0.5 U	0.5 U	0.5 U	0.5 U				50
Copper	4.6 B	4.7 B	3.5 B	0.60 U	6.1 B	7.5 B	7.5 B	14.4 B			25	25
Iron	8.5 U	8.1 U	8.1 U	8.1 U	5.3 U	5.3 U	20.8 B	121			7,000	100
Lead	0.80 U	2.8 B	1.3 B	1.2 U	1.6 UJ	2.9 B	1.9 J	19.9			4.2	3
Magnesium	44,000	40,700 J	46,300 J	41,100 J	41,200	43,800	43,700	43,300				5,000
Manganese	0.30 U	0.20 U	33.4 J	2.3 B	120	3.3 B	0.5 UJ	1.8 B				15
Mercury	0.10 U	0.10 UJ	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U			0.2	0.2
Nickel	0.40 U	0.40 U	0.40 U	0.40 U	0.4 U	0.4 U	0.4 U	0.4 U			96	40
Potassium	7,220	6,200	7,300	6,740 J	7,180	6,470	6,670	6,710				5,000
Selenium	3.9 U	3.1 U	3.1 UJ	3.1 UJ	3.3 UJ	3.3 UJ	3.3 U	3.3 U			8.5	5
Silver	0.30 U	0.40 U	0.40 U	0.40 U	1.0 B	0.5 U	0.5 U	0.5 U			10	10
Sodium	103,000	96,300 J	106,000 J	101,000 J	104,000	102,000	103,000	104,000				5,000
Thallium	5.5 B	1.8 U	1.8 U	1.8 U	1.5 R	1.5 U	1.5 UJ	1.5 UJ			40	10
Vanadium	2.5 B	12.4 B	11.5 B	3.3 B	1.0 U	7.9 B	1.0 U	7.9 B				50
Zinc	7.9 B	14.4 B	0.50 U	0.50 UJ	4.3 U	9.1 B	4.3 U	4.3 U			86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	5,190 J	228	192 B	1,190 J	483 J	648	2,650 J	625				
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U				
Arsenic	2.4 UJ	2.5 UJ	2.5 U	4.0 B	3.6 U	3.6 U	3.6 UJ	3.6 UJ				
Barium	218	95.4 J	107 J	108 J	125 J	119 B	157 B	113 B				
Beryllium	0.20 B	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U				
Cadmium	0.10 U	0.10 U	0.10 UJ	0.10 UJ	0.2 U	0.8 B	1.3 B	1.0 B				
Calcium	166,000	117,000 J	134,000 J	119,000 J	127,000	128,000	138,000	129,000				
Chromium	15.3	3.3 B	0.20 U	1.6 B	3.9 B	3.2 B	0.4 UJ	3.5 B				
Cobalt	5.6 B	0.30 U	0.30 U	0.30 U	0.5 U	0.5 U	2.0 B	0.5 U				
Copper	14.2 B	6.1 B	6.0 B	1.1 B	7.8 B	11.9 B	12.8 B	13.8 B				
Cyanide	0.60 U	0.60 U	0.90 B	0.60 U	0.2 U	0.2 U	1.6 U	1.6 B			10.0	10.0
Iron	13,600	629	1,020 J	2,940	1,270	1,850 J	6,640 J	1,180				
Lead	5.9 J	2.0 B	3.3 J	3.0 UJ	1.6 UJ	2.7 B	6.2 J	3.6 J				
Magnesium	54,400	42,800 J	47,100 J	39,800	46,400	42,200	46,500	43,400				
Manganese	395	14.4 B	51.5 J	74.8	159	48.7 J	201.0	30.3				
Mercury	0.10 U	0.10 UJ	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.2				
Nickel	16.0 B	0.80 B	0.40 U	1.9 B	0.7 B	2.5 B	7.7 B	1.0 B				
Potassium	9,290 J	6,610	7,230 J	6,400 J	7,770 J	6,220	7,280 J	6,540				
Selenium	3.9 U	3.1 UJ	3.1 UJ	3.1 U	3.3 R	3.3 UJ	3.3 U	3.3 U				
Silver	0.30 U	0.40 U	0.40 U	0.40 U	1.0 B	0.5 U	0.5 U	0.5 U				
Sodium	113,000	102,000 J	105,000 J	96,500 J	11,000	99,400	102,000	99,700				
Thallium	3.9 B	1.8 U	1.8 UJ	1.8 U	1.5 UJ	1.5 U	1.5 UJ	1.5 UJ				
Vanadium	8.1 B	12.4 B	9.2 B	4.5 B	1.0 U	8.4 B	1.0 U	8.8 B				
Zinc	53.1 J	14.7 B	0.50 U	0.50 UJ	4.3 U	11.3 B	13.1 B	4.5 B				
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL				
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL				
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL				

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling of this well is no longer required based on petition report dated 05/15/08 and EPA approval letter dated 11/24/09.

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-62B

Compound	Quarterly Sampling Results (All Results Expressed in Units of mg/l)								TRIGGER LEVEL	CRQL		
	Mar-08	Jun-08	#	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09				
Inorganics - Metals (Dissolved)¹⁴												
Aluminum	200.0	U	15.9 U	32.9 B	215	26.9 U	—	—	Sampling no longer required see note 16	200		
Antimony	60.0	U	1.6 U	1.6 U	4.8	4.8 U	—	—				
Arsenic	10.0	U	2.5 UJ	2.5 U	3.6	3.6 U	—	—				
Barium	21.9	B	41.8 B	227	32.3	B	49.5 B	—				
Beryllium	5.0	U	0.10 U	0.1 U	2.3	U	2.3 U	—				
Cadmium	5.0	U	0.10 U	0.1 U	0.2	U	0.2 U	—				
Calcium	239,000		273,000	J	310,000	J	248000	345000		5,000		
Chromium	0.50	B	3.3 U	0.2 U	3.7	B	0.7 B	—		11		
Cobalt	50.0	U	0.50 B	10.6 B	1.4	B	0.9 B	—		50		
Copper	4.3	B	4.6 U	1.8 B	7.1	B	12.3 B	—		25		
Iron	11.5	B	8.1 J	41.9 B	569	286	—	—		7,000		
Lead	1.2	B	3.1 B	1.2 U	1.6 UJ	2.7 B	—	—		4.2		
Magnesium	48,600		56,700 J	82,300 J	48400		69900	—		5,000		
Manganese	15.0	U	223 J	2,700	127		454	—		15		
Mercury	0.20	U	0.10 U	0.1 U	0.1 U	U	0.1 U	—		0.2		
Nickel	40.0	U	4.6 B	19.5 B	1.3	B	5.4 B	—		96		
Potassium	3,220	B	1,000	20,200 J	5430		8480	—		5,000		
Selenium	5.0	U	3.1 J	3.1 UJ	3.3	UJ	3.3 U	—		8.5		
Silver	0.30	B	0.40 B	0.5 B	1.1	B	0.5 U	—		10		
Sodium	33,900		54,500 J	75,400 J	41800		69000	—		5,000		
Thallium	3.4	B	1.8 U	1.8 U	1.5	R	1.5 U	—		40		
Vanadium	1.7	B	16.0 B	4.7 B	1.0	U	9.9 B	—		50		
Zinc	32.3		52.6	32.7 J	25.6		56.6	—		86		
Inorganics - Metals and Cyanide (Total)												
Aluminum	1,610 J		1,320 B	—	—	—	—	—	Sampling no longer required see note 16	10.0		
Antimony	60.0	U	1.6 U	—	—	—	—	—				
Arsenic	10.0	UJ	2.5 U	—	—	—	—	—				
Barium	31.2	B	43.4 J	—	—	—	—	—				
Beryllium	0.10	B	0.10 U	—	—	—	—	—				
Cadmium	5.00	U	0.10 UJ	—	—	—	—	—				
Calcium	242,000		270,000 J	—	—	—	—	—				
Chromium	3.5	B	5.1 U	—	—	—	—	—				
Cobalt	1.4	B	1.7 B	—	—	—	—	—				
Copper	7.2	B	13.0 U	—	—	—	—	—				
Cyanide	10.0	U	0.60	—	—	—	—	—				
Iron	6,820		3,970 J	—	—	—	—	—				
Lead	1.8	J	4.6 UJ	—	—	—	—	—				
Magnesium	49,800		59,300 J	—	—	—	—	—				
Manganese	155		461 J	—	—	—	—	—				
Mercury	0.20	U	0.10 U	—	—	—	—	—				
Nickel	3.1	B	8.3 B	—	—	—	—	—				
Potassium	3,680	J	13,100 J	—	—	—	—	—				
Selenium	5.0	U	3.1 J	—	—	—	—	—				
Silver	10.0	U	0.40 B	—	—	—	—	—				
Sodium	34,000		59,500 J	—	—	—	—	—				
Thallium	2.3	B	1.8 UJ	—	—	—	—	—				
Vanadium	50.0	U	18.2 B	—	—	—	—	—				
Zinc	71.0	J	80.5	—	—	—	—	—				
Volatile Organic Compounds (VOCs)												
Semi-Volatile Organic Compounds (SVOCs)												
Pesticides / PCBs												

Notes:

- 1) All results expressed in micrograms per liter ($\mu\text{g/L}$).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling of this well is no longer required based on petition report dated 05/15/08 and EPA approval letter dated 11/24/09.

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-63

Compound	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	Sep-10	Mar-11	Trigger Level	CRQL
Inorganics - Metals (Dissolved)¹⁴											
Aluminum	15.3 U	583	38.6 B	26.9 U	32.1 B	144 B	19 B	0.20 U	0.20 U		200
Antimony	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U	0.0087 B	0.0043 B	60	60
Arsenic	2.5 UJ	2.5 U	3.6 U	4.4 B	3.6 UJ	3.6 UJ	6.0 B	0.0076 B	0.0039 J	20	10
Barium	46.4 B	43.4 B	27.1 B	29.7 B	33.2 B	36.7 B	29 B	0.031 BJ	0.026 B	1,000	200
Beryllium	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U	5.0 UJ	0.0050 U	0.0050 U	5	5
Cadmium	0.10 U	0.10 U	0.2 U	0.6 B	0.2 U	0.2 B	5.0 U	0.00059 B	0.0050 U	5	5
Calcium	343,000	290,000 J	336,000	238,000	227,000	224,000	284,000	250 J	237 J		5,000
Chromium	0.20 U	0.20 U	4.9 B	0.9 B	0.4 UJ	2.7 B	10 U	0.010 U	0.010 U	11	10
Cobalt	0.60 B	0.40 B	0.5 U	0.8 B	1.9 B	0.5 U	50 U	0.0050 B	0.0500 U		50
Copper	0.60 U	1.3 B	7.0 B	7.9 B	7.8 B	8.2 B	12 B	0.025 U	0.025 U	25	25
Iron	8.1 U	1,440	5.3 U	5.3 U	6.2 B	120	10 U	0.51	0.10 U	7,000	100
Lead	1.2 U	1.2 U	1.6 UJ	2.8 B	2.4 J	1.6 U	1.5 J	0.0030 U	0.0030 UJ	4.2	3
Magnesium	81,100 J	70,200 J	80,000	54,800	52,100	52,100	71,100	59.6 J	56.8		5,000
Manganese	1,520 J	832	12.2 B	507	1,740 J	639	17	1.78	0.049		15
Mercury	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 B	0.00020 U	0.00014 B	0.2	0.2
Nickel	0.50 B	3.1 B	0.4 U	2.4 B	2.1 B	1.0 B	40 U	0.0062 B	0.019 B	96	40
Potassium	7,500	6,840 J	5,300	5,820	6,810	6,320	4,440 B	5.08	4.10 B		5,000
Selenium	4.7 J	3.4 J	4.7 J	3.3 U	3.3 U	3.3 U	5.0 U	0.0050 U	0.0050 U	8.5	5
Silver	0.60 B	0.40 B	1.7 B	0.5 U	0.5 U	0.5 U	10 U	0.010 U	0.010 U	10	10
Sodium	65,700 J	65,200 J	46,000	38,300	46,500	34,000	31,700	47.3	25.2		5,000
Thallium	1.8 U	1.8 U	1.5 R	2.1 J	1.5 UJ	1.5 U	10 U	0.010 UJ	0.010 UJ	40	10
Vanadium	14.1 B	4.5 B	1.0 U	5.5 B	1.0 U	7.9 B	16 J	0.0051 B	0.050 U		50
Zinc	0.50 U	0.50 UJ	4.3 U	4.3 U	4.3 U	4.3 U	20 U	0.020 U	0.020 U	86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	882	5,080 J	3,190 J	1,970	5,580 J	760	200 U	0.15 B	0.060 B		
Antimony	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U	0.00710 B	0.0044 B		
Arsenic	4.7 B	5.4 B	5.9 J	3.6 U	3.6 UJ	3.6 UJ	10 U	0.0036 B	0.010 U		
Barium	52.0 J	70.3 J	42.1 J	36.0 B	68.5 B	41.0 B	28 B	0.032 BJ	0.028 B		
Beryllium	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U	5.0 UJ	0.0050 U	0.0050 U		
Cadmium	0.10 UJ	0.10 UJ	0.2 U	0.9 B	1.2 B	0.3 B	5.0 U	0.00052 B	0.0050 U		
Calcium	348,000 J	355,000	349,000	230,000	252,000	231,000	250,000	230 J	223 J		
Chromium	0.20 U	4.1 B	8.4 B	3.5 B	0.4 UJ	3.2 B	10 U	0.010 U	0.010 U		
Cobalt	0.90 B	4.6 B	1.9 B	1.5 B	5.9 B	1.2 B	50 U	0.0044 B	0.050 U		
Copper	3.1 B	9.2 B	14.0 B	9.8 B	17.1 B	9.5 B	11 B	0.025 U	0.025 U		
Cyanide	1.90 B	0.70 B	0.2 U	0.2 U	1.6 U	1.6 U	7.6	0.0050 U	0.0050 U	10	10
Iron	2,360 J	11,200	6,770	3,100 J	13,800 J	1,730	100 J	0.48	0.18		
Lead	1.4 J	5.6 J	3.1 J	3.4	10.6 J	5.7 J	1.6 B	0.0030 U	0.0017 J		
Magnesium	82,700 J	83,600 J	82,400	53,400	58,900	52,700	61,600	51.9 J	53.6		
Manganese	687 J	986	331	497 J	1,460	705	13 B	1.40	0.056		
Mercury	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U	0.00020 U	0.00013 B		
Nickel	2.2 B	11.6 B	4.4 B	4.5 B	12.9 B	1.9 B	40 U	0.0066 B	0.017 B		
Potassium	7,600 J	8,170 J	5,990 J	6,350	8,430 J	6,610	4,170 B	6.07	3.87 B		
Selenium	3.1 UJ	3.1 U	3.3 R	3.3 U	3.3 U	3.3 U	5.0 U	0.0050 U	0.0050 U		
Silver	0.40 U	0.40 U	2.2 B	0.5 U	0.5 U	0.5 U	10 U	0.010 U	0.010 U		
Sodium	65,400 J	66,300 J	46,200	35,700	43,900	33,700	27,500	42.3	22.9		
Thallium	1.8 UJ	1.8 U	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	10 U	0.0053 BJ	0.010 UJ		
Vanadium	12.0 B	13.8 B	1.0 U	7.9 B	1.0	7.9 B	11 J	0.0054 B	0.0013 B		
Zinc	0.50 U	14.7 J	15.5 B	6.9 B	28.4	4.3 U	20 U	0.020 U	0.020 U		
Volatile Organic Compounds (VOCs)											
Semi-Volatile Organic Compounds (SVOCs)											
Pesticides / PCBs											

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.
- 17) NS= no sampling required for that event

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-64

Compound	Quarterly Sampling Result (All Results Expressed in Units of µg/l)									TRIGGER LEVEL	CRQL
	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10		
Inorganics - Metals (Dissolved)¹⁴											
Aluminum	15.4 U	15.3 U	15.3 U	70.3 B	26.2 U	26.9 U	58 B	96.7 B			
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U		200	
Arsenic	2.4 U	2.5 U	2.5 U	5.8 B	3.6 U	3.6 U	3.6 UJ	3.6 UJ		60	
Barium	43.1 B	48.6 J	48.4 B	43.1 B	41.5 B	47.5 B	44.5 B	42.2 B		20	
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U		1,000	
Cadmium	0.10 U	0.10 U	0.10 U	0.10 U	0.2 U	0.2 U	0.2 U	0.2 U		5	
Calcium	166,000	151,000 J	194,000	181,000 J	174,000	182,000	170,000	173,000		5,000	
Chromium	0.4 B	3.3 B	0.20 U	0.20 U	3.8 B	0.6 B	0.4 UJ	3.4 B		11	
Cobalt	1.00 B	2.0 B	0.40 B	0.30 U	0.5 U	0.6 B	0.5 U	0.5 U		50	
Copper	2.8 B	3.5 B	0.60 B	0.60 U	5.7 B	7.3 B	8.0 B	7.7 B		25	
Iron	8.5 U	8.1 U	8.1 U	160	5.3 U	46.8 B	21 B	213		7,000	
Lead	0.80 U	3.2	1.2 U	1.2 U	1.6 UJ	1.6 U	1.7 J	4.3		4.2	
Magnesium	54,000	51,500 J	62,900 J	55,100 J	54,500	56,600	50,500	526,000		5,000	
Manganese	1150	2,080	619.0 J	611	398	983	90.6 J	79.3		15	
Mercury	0.10 U	0.10 U	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U		0.2	
Nickel	2.9 B	4.6 B	4.0 B	2.8 B	0.7 B	2.7 B	0.9 B	1.1 B		96	
Potassium	12,400	17,100	17,100	7,600 J	9,160	12,700	5,980	6,390		5,000	
Selenium	3.9 U	3.1 U	3.1 U	3.1 UJ	3.7 J	3.3 UJ	3.3 U	3.3 U		8.5	
Silver	0.30 U	0.40 U	0.50 B	0.40 U	0.8 B	0.5 U	0.5 U	0.5 U		10	
Sodium	39,400	41,300 J	52,900 J	45,900 J	36,800	42,500	32,700	33,500		5,000	
Thallium	2.9 B	1.8 U	1.8 U	1.8 U	1.5 R	1.5 U	1.5 UJ	1.5 UJ		40	
Vanadium	3.2 B	14.3 B	13.6 B	3.5 B	1.0 U	8.7 B	1.0 U	9.4 B		50	
Zinc	7.4 B	10.2 B	0.50 U	0.50 UJ	4.3 U	4.3 U	4.3 U	4.3 U		86	
Inorganics - Metals and Cyanide (Total)											
Aluminum	1,730 J	583	333	6670 J	135 J	38.8 B	881.0 J	536			
Antimony	2.4 UJ	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U			
Arsenic	2.4 UJ	2.5 UJ	2.5 U	2.5 B	5.4 J	3.6 U	3.6 UJ	3.6 UJ			
Barium	39.7 B	56.2 J	49.3 J	62.5 B	44.7 J	49.0 B	46.0 B	44.1 B			
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U			
Cadmium	0.10 U	0.10 U	0.10 UJ	0.10 UJ	0.2 U	0.2 U	0.3 B	0.3 B			
Calcium	228,000	167,000 J	206,000 J	198,000 J	195,000	183,000	174,000	178,000			
Chromium	2.3 B	4.8 B	0.20 U	8.4 B	3.6 B	0.9 B	0.4 UJ	3.6 B			
Cobalt	2.4 B	3.8 B	1.6 B	7.9 B	1.1 B	0.5 U	1.1 B	0.5 U			
Copper	5.6 B	5.2 B	1.1 B	4.8 B	10.0 B	7.3 B	8.4 B	7.9 B			
Cyanide	0.60 B	3.0 B	2.1 B	1.4 B	0.2 U	0.2 U	1.6 U	1.6 U		10	
Iron	2,690	2,030	1,300 J	14,500	405	1,160 J	2,330 J	1,250			
Lead	0.8 UJ	1.8 B	2.9 J	3.3 J	1.6 UJ	2.2 B	4.1 J	4.1 J			
Magnesium	64,800	56,700 J	66,000 J	59,300 J	61,600	55,900	49,400	52,800			
Manganese	1,200	2,690	793 J	1,330	646	867 J	695	233			
Mercury	0.10 U	0.10 UJ	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U			
Nickel	4.4 B	7.0 B	6.3 B	13.9 B	2.2 B	1.7 B	2.6 B	0.6 B			
Potassium	10,400 J	20,800	20,400 J	9,480 J	12,500 J	11,900	6,440 J	6,700			
Selenium	3.9 U	3.1 UJ	3.1 UJ	3.1 U	3.3 R	3.3 UJ	3.3 U	3.3 U			
Silver	0.30 U	0.40 U	0.40 U	0.40 U	1.0 B	0.5 U	0.5 U	0.5 U			
Sodium	38,200	47,400 J	59,000 J	45,300 J	44,200	41,000	32,500	33,700			
Thallium	2.7 B	1.8 U	1.8 UJ	1.8 U	1.5 UJ	1.5	1.5 UJ	1.5 UJ			
Vanadium	1.0 U	18.3 B	9.2 B	12.8 B	1.0 U	7.5	1.0 U	8.4 B			
Zinc	22.3 J	14.0 B	0.50 U	14.7 J	4.3 U	13.9	4.3 U	4.3 U			
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL			
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL			
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL			

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detained summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Switch to different format for fourth quarter 2007
- 17) Sampling of this well is no longer required based on petition report dated 05/15/08 and EPA approval letter dated 11/24/09

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-65

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)										TRIGGER LEVEL	CRQL
	Jun-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	Sep-10	Mar-11			
Inorganics - Metals (Dissolved)¹⁴		Insufficient Volume			Insufficient Volume							
Aluminum	88.5 B	—	38.2 B	26.9 U	—	105.0 B	110 B	6.07	0.20 U		200	
Antimony	1.6 U	—	4.8 U	4.8 U	—	4.8 U	60 U	0.0062 B	0.060 U	60	60	
Arsenic	2.5 U	—	3.6 U	3.6 U	—	3.6 UJ	10 U	0.018	0.010 U	10	10	
Barium	28.5 J	—	19.3 B	20.3 B	—	21 B	17 B	0.041 BEJ	0.023 B	1,000	200	
Beryllium	0.10 U	—	2.3 U	2.3 U	—	2.3 U	5.0 UJ	0.002 B	0.0050 U	5	5	
Cadmium	0.10 U	—	0.2 U	0.5 B	—	0.3 B	5.0 U	0.0013 B	0.0050 U	5	5	
Calcium	190,000 J	—	187000	204000	—	201,000	160,000	240.0 J	113.0 J		5,000	
Chromium	6.4 B	—	7.7 B	2.8 B	—	6.7 B	10 U	0.042 B	0.010 U	11	10	
Cobalt	0.3 U	—	0.5 U	0.5 U	—	0.5 U	50 U	0.010 B	0.050 U		50	
Copper	3.2 B	—	5.1 B	9.3 B	—	10.6 B	13 B	0.0066 B	0.025 U	25	25	
Iron	8.1 U	—	5.3 U	5.9 B	—	283	110	13.8	0.10 U	5,000	100	
Lead	2.3 B	—	1.6 UJ	2.3 B	—	4.8 J	2.3 J	0.0073	0.0030 UJ	4.2	3	
Magnesium	138,000 J	—	139000	143000	—	138,000	73,400	143 J	40.7		5,000	
Manganese	0.20 U	—	0.5 U	0.5 U	—	0.5 U	4.8 B	0.38	0.0023 B		15	
Mercury	0.10 UJ	—	0.1 U	0.1 U	—	0.1 U	0.20 U	0.00020 U	0.00015 B	0.2	0.2	
Nickel	0.40 U	—	0.4 U	0.4 U	—	0.4 U	1.5 B	0.021 B	0.0082 B	96	40	
Potassium	3980.0 B	—	4220 B	4400 B	—	4,930 B	2,760 B	5.20	2.09 B		5,000	
Selenium	3.1 U	—	5.0 J	3.3 U	—	3.3 U	5.0 U	0.0050 U	0.0050 U	8.5	5	
Silver	0.40 U	—	1.1 B	0.5 U	—	0.5 U	10 U	0.010 U	0.010 U	10	10	
Sodium	31800.0 J	—	33400	34100	—	33,700	24,300	30.3	23.0		5,000	
Thallium	1.8 U	—	1.5 R	3.0 J	—	1.5 UJ	10 U	0.0048 BJ	0.010 UJ	40	10	
Vanadium	29.1 B	—	1.0 U	16.2 B	—	15.7 B	14 J	0.012 B	0.0019 B		50	
Zinc	14.4 B	—	4.3 U	4.3 U	—	4.3 U	20 U	0.037	0.020 U	86	20	
Inorganics - Metals and Cyanide (Total)												
Aluminum	2,450	—	1,200 J	5,400	13,900 J	3,450	250	6.07	0.10 B			
Antimony	1.6 U	—	4.8 U	4.8 U	4.8 U	4.8 U	60 U	0.0062 B	0.0049 B			
Arsenic	2.5 UJ	—	3.6 U	3.6 U	3.6 UJ	3.6 UJ	10 U	0.018	0.010 U			
Barium	40.6 J	—	25.7 J	43.0 B	79.3 B	35.5 B	20 B	0.041 BEJ	0.024 B			
Beryllium	0.10 U	—	2.3 U	2.3 U	2.3 U	2.3 U	5.0 UJ	0.00022 B	0.0050 U			
Cadmium	0.10 U	—	0.2 U	1.4 B	2.6 B	1.2 B	5.0 U	0.0013 B	0.0050 U			
Calcium	191,000 J	—	196,000	217,000	263,000	208,000	168,000	240 J	112 J			
Chromium	12.5	—	9.8 B	13.0	3.5 J	7.2 B	10 U	0.0042 B	0.010 U			
Cobalt	2.5 B	—	1.7 B	5.0 B	16.2 B	3.3 B	50 U	0.010 B	0.050 U			
Copper	9.1 B	—	10.6 B	18.2 B	32.9	18.1 B	14 B	0.0066 B	0.025 U			
Cyanide	0.60 U	—	0.2 U	0.2 U	—	—	16.8	0.0020 B	0.0050 U	10	10	
Iron	7,060	—	3,030	8,410 J	38,400 J	9,320	590 J	13.8	0.23			
Lead	7.7	—	1.6 UJ	8.0	22.4 J	9.3 J	3.2	0.0073	0.0021 J			
Magnesium	139,000 J	—	141,000	146,000	159,000	135,000	72,600	143 J	40.2			
Manganese	192	—	103	360 J	1010	293	20	0.38	0.0097 B			
Mercury	0.10 UJ	—	0.1 U	0.1 U	0.1 U	0.2	0.20 U	0.00020 U	0.00014 B			
Nickel	4.7 B	—	1.9 B	8.9 B	35.9 B	9.9 B	40 U	0.021 B	0.0077 B			
Potassium	4,740 B	—	4,750 J	6,360	8,500 E	5,810	2,820 B	5	2.06 B			
Selenium	3.1 U	—	3.3 R	3.3 U	3.3 U	3.3 U	5.0 U	0.0050 U	0.0050 U			
Silver	0.40 U	—	1.3 B	0.5 U	0.5 U	0.5 U	10 U	0.010 U	0.010 U			
Sodium	32,500 J	—	34,900	35,200	36,100	32,500	25,100	30.3	22.0			
Thallium	2.5 B	—	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	10 U	0.0048 BJ	0.010 UJ			
Vanadium	34.3 B	—	1.0 U	25.1 B	1.0 U	14.1 B	13 J	0.012 B	0.0017 B			
Zinc	30.7	—	4.3 U	19.7 U	83.3	16.4 B	20 U	0.037	0.020 U			
Volatile Organic Compounds (VOCs)	BRL	—	BRL	BRL	BRL	—	BRL	—	BRL			
Semi-Volatile Organic Compounds (SVOCs)	—	—	—	—	—	—	BRL	—	BRL			
Pesticides / PCBs	—	—	—	—	—	—	BRL	—	BRL			

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ.
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for Creek Surface Water Sample Location SW-50

Compound	Quarterly Sampling Result (All Results Expressed in Units of µg/l)									TRIGGER LEVEL	CRQL
	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	Sep-10	Mar-11		
Inorganics - Metals (Dissolved)¹⁴	No Flow							No Flow			
Aluminum	—	15.3 U	34.1 B	26.9 U	26.9 U	57.1 B	200 J	—	0.20 U		200
Antimony	—	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U	—	0.060 U	60	60
Arsenic	—	10.0 B	3.6 U	3.6 U	3.6 UJ	3.6 UJ	10 U	—	0.010 U	20	10
Barium	—	30.9 B	45.1 B	47.9 B	38.5 B	40.5 B	42 B	—	0.036 B	1,000	200
Beryllium	—	0.10 U	2.30 U	2.30 U	2.3 U	2.3 U	5.0 U	—	0.0050 U	5	5
Cadmium	—	0.10 U	0.20 U	0.20 U	0.2 U	0.2 U	5.0 U	—	0.0050 U	5	5
Calcium	—	70,500 J	96,600	77,100	66,400 J	96,300	92,700	—	79.1 J		5,000
Chromium	—	0.20 U	1.90 B	0.90 B	0.7 B	2.3 B	0.49 B	—	0.010 U	11	10
Cobalt	—	0.30 U	0.50 U	0.60 B	0.5 U	0.5 U	50 U	—	0.050 U		50
Copper	—	0.60 U	5.60 B	6.00 B	3.0 B	5.4 B	5.4 B	—	0.0067 B	25	25
Iron	—	8.1 U	5.3 U	6.9 B	5.3 U	5.3 U	100 U	—	0.10 U	7,000	100
Lead	—	1.2 U	1.6 UJ	1.6 U	1.6 U	3.6 J	3.0 U	—	0.0030 U	4.2	3
Magnesium	—	18,600 J	25,700	23,500	17,800 J	28,400	25,100	—	23.1		5,000
Manganese	—	0.20 U	0.70 B	2.50 B	0.5 U	0.5 U	2.9 B	—	0.0057 B		15
Mercury	—	0.10 U	0.10 U	0.10 U	0.1 U	0.1 U	0.20 U	—	0.00020 U	0.2	0.2
Nickel	—	0.40 U	0.40 U	0.40 U	0.4 U	0.4 U	40 U	—	0.040 U	96	40
Potassium	—	2,800 J	2,400 B	3,080 B	3,290 J	2,450 B	2,580 J	—	1.93 B		5,000
Selenium	—	3.1 UJ	3.3 UJ	3.3 UJ	3.3 R	3.3 U	5.0 UJ	—	0.0050 U	8.5	5
Silver	—	0.40 U	0.60 B	0.50 U	0.50 U	0.5 U	10 U	—	0.010 U	10	10
Sodium	—	41,100 J	97,300	64,000	43,900 J	50,700	52,800	—	53.4		5,000
Thallium	—	1.8 U	1.5 UJ	5.5 J	1.5 U	1.5 UJ	10 U	—	0.0019 B	40	10
Vanadium	—	0.90 B	1.00 U	5.00 B	1.0 U	6.7 B	7.4 B	—	0.0056 B		50
Zinc	—	0.50 UJ	4.30 U	4.30 U	4.3 UJ	4.3 U	20 U	—	0.020 U	86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	—	24.8 B	173 B	38.1 B	26.9 U	76.3 B	230 J	—	0.048 B		
Antimony	—	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U	—	0.060 U		
Arsenic	—	8.9 B	3.6 U	3.6 U	8.0 B	3.6 U	3.3 B	—	0.010 U		
Barium	—	32.1 J	47.2 B	46.5 B	37.9 B	40.5 B	43 B	—	0.044 B		
Beryllium	—	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U	5.0 U	—	0.0050 U		
Cadmium	—	0.10 U	0.20 U	0.20 U	0.20 U	0.2 U	5.0 U	—	0.0050 U		
Calcium	—	73,200 J	98,800	77,800	66,100 J	95,200	92,000	—	82.3 J		
Chromium	—	0.20 U	2.1 B	1.0 B	0.6 B	1.6 B	0.52 B	—	0.00057 B		
Cobalt	—	0.30 U	0.50 U	0.50 B	0.50 U	0.5 U	50 U	—	0.050 U		
Copper	—	0.60 U	6.7 B	6.5 B	3.1 B	5.7 B	6.2 B	—	0.010 B		
Cyanide	—	0.60 U	0.70 B	0.20 U	1.60 U	1.6 U	4.9 B	—	0.0050 U	10	10
Iron	—	19.5 B	253	27.0 B	27.6 B	127	400	—	0.10 U		
Lead	—	3.0 UJ	1.6 UJ	1.6 U	1.6 U	2.3 J	3.0 U	—	0.0030 U		
Magnesium	—	19,000 J	26,100	23,000	17,700 J	27,700	24,900	—	23.6		
Manganese	—	0.20 U	15.5	3.4 B	0.5 U	5.2 B	18	—	0.0094 B		
Mercury	—	0.10 U	0.10 U	0.10 U	0.10 U	0.1 B	0.2 U	—	0.00020 U		
Nickel	—	0.40 U	0.40 U	0.40 U	0.40 U	0.4 U	40 U	—	0.040 U		
Potassium	—	2,810 J	2,470 B	3,210 B	3,280 J	2,470 B	2,800 J	—	1.78 B		
Selenium	—	3.1 UJ	4.6 J	3.3 UJ	3.3 UJ	3.3 U	5.0 UJ	—	0.0050 U		
Silver	—	0.40 U	0.50 U	0.50 U	0.50 U	0.5 U	10 U	—	0.010 U		
Sodium	—	41,000 J	97,400	65,600	44,300 J	49,300	52,300	—	59.9 J		
Thallium	—	9.8 B	1.5 UJ	5.5 J	1.5 U	1.5 UJ	10 U	—	0.010 U		
Vanadium	—	0.80 U	1.0 U	5.2 B	1.0 U	4.7 B	8.6 B	—	0.0069 B		
Zinc	—	0.50 UJ	4.3 U	4.3 U	4.3 UJ	4.3 U	20 U	—	0.020 U		
Volatile Organic Compounds (VOCs)	—	BRL	BRL	BRL	BRL	BRL	BRL	—	BRL		
Semi-Volatile Organic Compounds (SVOCs)	—	BRL	BRL	BRL	BRL	BRL	BRL	—	BRL		
Pesticides / PCBs	—	BRL	BRL	BRL	BRL	BRL	BRL	—	BRL		

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ.
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for **Dissolved** Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for Creek Surface Water Sample Location SW-51

Quarterly Sampling Result (All Results Expressed in Units of µg/l)											
Compound	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	Trigger Level	CRQL
Inorganics - Metals (Dissolved)¹⁴											
Aluminum	15.4 U	15.3 U	15.3 U	15.3 U	26.9 U	27.6 B	26.9 U	103 B			
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U		60	60
Arsenic	2.4 U	2.5 U	2.5 UJ	2.9 B	3.6 U	3.6 U	4.1 UJ	3.6 UJ		20	10
Barium	41.0 B	47.9 B	43.2 B	32.8 B	47.8 B	47.1 B	37.2 B	40.0 B		1,000	200
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.30 U	2.30 U	2.3 U	2.3 U		5	5
Cadmium	0.10 U	0.10 U	0.10 U	0.10 U	0.20 U	0.20 U	0.2 U	0.2 U		5	5
Calcium	84,500	80,400	81,100	73,700 J	95,000	76,100	64,900 J	93,800			5,000
Chromium	0.60 B	1.4 B	0.20 U	0.20 U	2.30 B	0.90 B	1.2 B	1.9 B		11	10
Cobalt	0.20 U	0.30 U	0.30 U	0.30 U	0.50 U	0.80 B	0.5 U	0.5 U			50
Copper	3.1 B	3.4 B	1.7 B	0.70 B	6.50 B	5.80 B	2.8 B	5.8 B		25	25
Iron	8.5 U	8.1 U	8.1 U	8.1 U	5.3 U	13.6 B	5.3 U	17.4 B		7,000	100
Lead	0.80 U	1.2 B	1.5 B	1.2 U	1.6 UJ	1.6 U	1.6 U	2.9 J		4.2	3
Magnesium	22,100	21,900	25,600 J	18,900 J	25,300	22,500	17,400 J	28,000			5,000
Manganese	0.3 U	1.7 B	31.4	4.8 B	2.3 B	3.5 B	4.6 B	5.6 B			15
Mercury	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.1 U	0.1 U		0.2	0.2
Nickel	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.4 U	0.4 U		96	40
Potassium	1,740 B	2,760 B	3,540 B	2,840 J	2,380 B	3,040 B	3,120 J	2,380 B			5,000
Selenium	3.9 U	3.1 UJ	3.1 UJ	3.1 UJ	3.3 UJ	3.3 UJ	3.3 R	3.3 U		8.5	5
Silver	0.30 U	0.40 U	1.5 B	0.40 U	0.90 B	0.50 U	0.5	0.5 U		10	10
Sodium	61,400	37,000	42,800 J	42,800 J	96,700	65,200	43,400 J	49,600			
Thallium	6.8 B	1.8 U	3.0 BJ	1.8 U	1.5 UJ	3.5 J	1.5 U	1.5 UJ		40	10
Vanadium	1.5 B	4.8 B	4.8 B	1.6 B	1.0 U	5.0 B	1.0 U	6.8 B			50
Zinc	8.1 B	12.1 B	0.50 U	0.50 UJ	4.30 U	4.30 U	4.3 UJ	4.3 U		86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	117.0 B	44.8 B	15.3 U	24.3 B	58.5 B	46.2 B	26.9 U	52.0 B			
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U			
Arsenic	2.4 U	2.5 U	3.7 B	5.1 B	3.6 U	3.6 U	5.9 B	3.6 U			
Barium	40.2 B	42.1 B	50.4 J	33.3 J	46.2 B	49.9 B	36.7 B	42.6 B			
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.30 U	2.30 U	2.30 U	2.3 U			
Cadmium	0.10 U	0.10 U	0.10 U	0.10 U	0.20 U	0.20 U	0.20 U	0.2 U			
Calcium	81,900	72,700	87,200 J	74,400 J	97,000	83,400	65,100 J	98,200			
Chromium	0.6 B	1.3 B	0.20 U	0.20 U	2.10 B	2.80 B	0.40 U	1.9 B			
Cobalt	0.20 U	3.0 U	0.30 U	0.30 U	0.50 U	0.80 B	0.50 U	0.5 U			
Copper	3.2 B	2.4 B	3.0 B	0.60 U	5.80 B	6.10 B	2.90 B	5.4 B			
Cyanide	0.60 U	0.60 U	1.0 B	0.60 U	0.20 U	0.20 U	1.6 U	1.6 U		10	10
Iron	144	79.7 B	84.3 J	50.6 B	45.1 B	106.0	45.6 B	37.2 B			
Lead	0.80 U	1.7 B	1.7 B	3.0 UJ	1.6 UJ	1.6 U	1.6 U	2.9 J			
Magnesium	21,100	19,700	27,100 J	19,000 J	25,700	24,500	17,400 J	28,800			
Manganese	1.9 B	4.6 B	82.4 J	29.3	3.9 B	11.1 B	7.5 B	3.4 B			
Mercury	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.1 U			
Nickel	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.50 B	0.40 U			
Potassium	1,710 B	2,470 B	3,680 J	2,860 J	2,430 B	3,250 B	3,140 J	2,500 B			
Selenium	3.90 U	3.1 UJ	3.1 U	3.1 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 U			
Silver	0.30 U	0.40 U	0.40 U	0.40 U	0.50 U	0.50 U	0.50 U	0.5 U			
Sodium	59,000 J	33,300	45,000 J	42,200 J	97,400	69,200	43,400 J	51,700			
Thallium	4.4 B	1.8 U	4.1 B	1.9 B	1.5 UJ	2.6 J	1.5 U	1.5 UJ			
Vanadium	1.0 U	4.1 B	11.8 B	1.6 B	1.0 U	4.6 B	1.0 U	5.1 B			
Zinc	9.1 B	9.8 B	0.50 U	0.50 UJ	4.30 U	4.30 U	4.30 UJ	4.30 U			
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL			
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL			
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL			

Notes:

- All results expressed in micrograms per liter (µg/L).
- Standard Inorganic Data Qualifiers have been used.
- Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- = No Sample Available (Well Dry or Insufficient Volume)
- U = Indicates compound was analyzed for but not detected.
- B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- B = (Organics) Indicates the analyte was detected in the Method Blank.
- UJ = A value less than the CRQL but greater than the MDL.
- J = The analyte was positively identified, the associated numerical value is the estimated concentration of analyte in the sample.
- R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- CRQL = Contract Required Quantitation Limit
- Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- Sampling of this well is no longer required based on petition report dated 05/15/08 and EPA approval letter dated 11/24/09.

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for Creek Surface Water Sample Location SW-52

Compound	Quarterly Sampling Result (All Results Expressed in Units of µg/l)										TRIGGER LEVEL	CRQL
	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	Sep-10	Mar-11			
Inorganics - Metals (Dissolved)¹⁴												
Aluminum	15.3 U	15.3 U	26.9 U	26.9 U	26.9 U	65.5 B	31 J	—	0.087 B	—	200	
Antimony	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U	—	0.060 U	60	60	
Arsenic	2.5 UJ	3.4 B	3.6 U	3.6 U	9.2 UJ	3.6 UJ	4.5 B	—	0.0036 B	20	10	
Barium	113 B	32.0 B	47.0 B	48.6 B	37.3 B	41.8 B	47 B	—	0.040 B	1,000	200	
Beryllium	0.10 U	0.10 U	2.30 U	2.30 U	2.3 U	2.3 U	5.0 U	—	0.0050 U	5	5	
Cadmium	0.10 U	0.10 U	0.20 U	0.20 B	0.2 U	0.2 U	5.0 U	—	0.0050 U	5	5	
Calcium	125,000	70,400 J	97,900	78,800	64,900 J	95,200	101,000	—	85.6	—	5,000	
Chromium	0.20 U	0.20 U	2.10 B	0.70 B	1.0 B	2.2 B	10 U	—	0.010 U	11	10	
Cobalt	0.30 U	0.30 U	0.50 U	0.60 B	0.5 U	0.5 U	50 U	—	0.050 U	—	50	
Copper	1.6 B	0.60 U	5.60 B	5.30 B	2.8 B	6.0 B	8.0 B	—	0.025 U	25	25	
Iron	17.5 B	8.1 U	5.3 U	11.3 B	14.7 B	22.0 B	100 U	—	0.10 U	7,000	100	
Lead	3.6	1.2 U	1.6 UJ	1.6 U	1.6 U	4.5 J	1.6 J	—	0.0030 U	4.2	3	
Magnesium	29,100 J	18,000 J	26,200	23,200	16,900 J	27,700	27,800	—	24.2	—	5,000	
Manganese	295	4.4 B	2.6 B	11.4 B	1.3 B	5.0 B	9.3 B	—	0.0041 B	—	15	
Mercury	0.10 U	0.10 U	0.10 U	0.10 U	0.1 U	0.1 U	0.2 U	—	0.00017 B	0.2	0.2	
Nickel	0.40 U	0.40 U	0.40 U	0.90 B	0.4 U	0.4 U	40 U	—	0.0072 B	96	40	
Potassium	3,490 B	2,750 J	2,440 B	3,060 B	3,130 J	2,400 B	1,880 J	—	1.82 B	—	5,000	
Selenium	3.1 UJ	3.1 UJ	3.3 UJ	3.3 UJ	3.3 R	3.3 U	5.0 U	—	0.0050 UJ	8.5	5	
Silver	0.40 U	0.40 U	0.50 B	0.50 U	0.5 U	0.5 U	10 U	—	0.00067 B	10	10	
Sodium	37,700 J	41,200 J	101,000	67,900	43,900 J	50,700	61,500	—	58.5	—	5,000	
Thallium	6.8 J	1.8 U	1.5 UJ	3.3 J	1.5 U	1.5 UJ	10 U	—	0.010 U	40	10	
Vanadium	10.2 B	2.2 B	1.0 U	4.3 B	1.0 U	7.4 B	12 B	—	0.050 U	—	50	
Zinc	0.50 U	0.50 UJ	4.30 U	4.30 U	4.3 UJ	4.3 U	20 U	—	0.020 UJ	86	20	
Inorganics - Metals and Cyanide (Total)												
Aluminum	15.3 U	18.6 B	59.1 B	47.5 B	335.0	43.5 B	110 J	—	0.20 U	—	—	
Antimony	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U	—	0.060 U	—	—	
Arsenic	3.5 B	2.8 B	3.6 U	3.6 U	7.3 B	3.6 U	10 U	—	0.0030 B	—	—	
Barium	60.5 J	32.3 J	45.6 B	48.8 B	39.0 B	40.0 B	43 B	—	0.038 B	—	—	
Beryllium	0.10 U	0.10 U	2.30 U	2.30 U	2.3 U	2.3 U	5.0 U	—	0.0050 U	—	—	
Cadmium	0.10 U	0.10 U	0.20 U	0.20 U	0.2 U	0.2 U	5.0 U	—	0.0050 U	—	—	
Calcium	97,500 J	71,400 J	95,400	80,000	63,800 J	94,400	93,800	—	81.2	—	—	
Chromium	0.20 B	0.20 U	2.10 B	1.00 B	0.6 B	1.7 B	10 U	—	0.010 U	—	—	
Cobalt	0.30 U	0.30 U	0.50 U	0.90 B	0.5 U	0.5 U	50 U	—	0.050 U	—	—	
Copper	2.8 B	0.60 U	5.80 B	5.70 B	3.2 B	5.2 B	7.8 B	—	0.025 U	—	—	
Cyanide	1.0 B	0.60 U	1.30 B	0.20 U	1.6 U	1.6 U	5.0 U	—	0.0050 U	10	10	
Iron	298 J	60.7 B	43.8 B	86.8 B	643	33.2 B	93.0 B	—	0.10 U	—	—	
Lead	2.7 B	3.0 UJ	1.6 UJ	1.6 U	1.6 U	1.6 U	3.0 U	—	0.0030 U	—	—	
Magnesium	28,200 J	18,100 J	25,700	23,200	16,800 J	26,900	25,900	—	22.7	—	—	
Manganese	173.0 J	14.1 B	4.2 B	18.8	33.3	5.9 B	7.9 B	—	0.0063 B	—	—	
Mercury	0.10 U	0.10 U	0.10 U	0.10 U	0.1 U	0.2 B	0.2 U	—	0.00015 B	—	—	
Nickel	0.40 U	0.40 U	0.40 U	0.40 U	0.4 U	0.4 U	40 U	—	0.0059 B	—	—	
Potassium	3,930 J	2,750 J	2,400 B	3,110 B	3,050 J	2,430 B	1,780 J	—	1.71 B	—	—	
Selenium	3.1 U	3.1 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 U	5.0 U	—	0.0050 UJ	—	—	
Silver	0.40 U	0.40 U	1.00 B	0.50 U	0.5 U	0.5 U	10 U	—	0.010 U	—	—	
Sodium	47,500 J	41,100 J	98,800	69,100	42,700 J	49,600	56,600	—	54.5	—	—	
Thallium	4.0 B	2.9 B	1.5 UJ	7.3 J	1.5 U	1.5 UJ	10 U	—	0.010 U	—	—	
Vanadium	12.0 B	1.6 B	1.0 U	4.6 B	1.0 U	4.7 B	9.2 B	—	0.050 U	—	—	
Zinc	0.50 U	0.50 UJ	4.30 U	4.30 U	4.3 UJ	4.3 U	20 U	—	0.020 UJ	—	—	
Volatile Organic Compounds (VOCs)												
Semi-Volatile Organic Compounds (SVOCs)												
Pesticides / PCBs												

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ.
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit.
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.

Skinner Landfill
West Chester, Ohio

Groundwater Analysis Summary Table for Outfall Surface Water Run Off Location SWD-1

Compound	Quarterly Sampling Results (All Results Expressed in Units of mg/l)										TRIGGER LEVEL	CRQL
	Sep-08	Dec-08	Feb-09	Apr-09	Sep-09	Dec-09	Mar-10	Sep-11	Mar-11			
Inorganics - Metals (Dissolved)¹⁴	Location Dry	Location Dry	Location Dry		Location Dry	Location Dry	Location Dry	Location Dry	Location Dry			
Aluminum	—	—	—	34.6 B	—	—	—	—	—		200	
Antimony	—	—	—	4.8 U	—	—	—	—	—	60	60	
Arsenic	—	—	—	3.6 U	—	—	—	—	—	20	10	
Barium	—	—	—	47.4 J	—	—	—	—	—	1,000	200	
Beryllium	—	—	—	2.3 U	—	—	—	—	—	5	5	
Cadmium	—	—	—	0.2 U	—	—	—	—	—	5	5	
Calcium	—	—	—	95200	—	—	—	—	—		5,000	
Chromium	—	—	—	1.6 B	—	—	—	—	—	11	10	
Cobalt	—	—	—	0.5 U	—	—	—	—	—		50	
Copper	—	—	—	5.0 B	—	—	—	—	—	25	25	
Iron	—	—	—	5.3 U	—	—	—	—	—	7,000	100	
Lead	—	—	—	1.6 UJ	—	—	—	—	—	4.2	3	
Magnesium	—	—	—	15700	—	—	—	—	—		5,000	
Manganese	—	—	—	0.5 U	—	—	—	—	—		15	
Mercury	—	—	—	0.1 U	—	—	—	—	—	0.2	0.2	
Nickel	—	—	—	0.4 U	—	—	—	—	—	96	40	
Potassium	—	—	—	4990 B	—	—	—	—	—		5,000	
Selenium	—	—	—	3.3 U	—	—	—	—	—	8.5	5	
Silver	—	—	—	0.5 U	—	—	—	—	—	10	10	
Sodium	—	—	—	4270 B	—	—	—	—	—		5,000	
Thallium	—	—	—	1.5 UJ	—	—	—	—	—	40	10	
Vanadium	—	—	—	1.0 U	—	—	—	—	—		50	
Zinc	—	—	—	135	—	—	—	—	—	86	20	
Inorganics - Metals and Cyanide (Total)												
Aluminum	—	—	—	180 B	—	—	—	—	—			
Antimony	—	—	—	4.8 U	—	—	—	—	—			
Arsenic	—	—	—	3.6 U	—	—	—	—	—			
Barium	—	—	—	49.2 J	—	—	—	—	—			
Beryllium	—	—	—	2.3 U	—	—	—	—	—			
Cadmium	—	—	—	0.2 U	—	—	—	—	—			
Calcium	—	—	—	94200	—	—	—	—	—			
Chromium	—	—	—	1.4 B	—	—	—	—	—			
Cobalt	—	—	—	0.5 U	—	—	—	—	—			
Copper	—	—	—	5.4 B	—	—	—	—	—			
Cyanide	—	—	—	0.2 U	—	—	—	—	—	10	10	
Iron	—	—	—	322	—	—	—	—	—			
Lead	—	—	—	1.6 U	—	—	—	—	—			
Magnesium	—	—	—	152000	—	—	—	—	—			
Manganese	—	—	—	6.0 B	—	—	—	—	—			
Mercury	—	—	—	0.1 U	—	—	—	—	—			
Nickel	—	—	—	0.4 U	—	—	—	—	—			
Potassium	—	—	—	5130	—	—	—	—	—			
Selenium	—	—	—	3.3 U	—	—	—	—	—			
Silver	—	—	—	0.5 U	—	—	—	—	—			
Sodium	—	—	—	4290 B	—	—	—	—	—			
Thallium	—	—	—	1.5 UJ	—	—	—	—	—			
Vanadium	—	—	—	1.0 U	—	—	—	—	—			
Zinc	—	—	—	142	—	—	—	—	—			
Volatile Organic Compounds (VOCs)	—	—	—	BRL	—	—	—	—	—			
Semi-Volatile Organic Compounds (SVOCs)	—	—	—	BRL	—	—	—	—	—			
Pesticides / PCBs	—	—	—	BRL	—	—	—	—	—			

Notes:

- 1) All results expressed in micrograms per liter ($\mu\text{g/L}$).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.

Skinner Landfill
West Chester, Ohio

Groundwater Analysis Summary Table for Outfall Surface Water Run Off Location SWD-2

Quarterly Sampling Results (All Results Expressed in Units of mg/l)										TRIGGER LEVEL	CRQL
Compound	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Apr-09	Sep-09	Dec-09	Mar-10		
Inorganics - Metals (Dissolved)¹⁴			Location Dry	Location Dry	Location Dry	Location Dry	Location Dry	Location Dry	Sampling no longer required see note 16		
Aluminum	15.4 U	15.3 U	—	—	—	—	—	—		200	
Antimony	2.4 U	1.6 U	—	—	—	—	—	—		60	60
Arsenic	2.4 U	2.5 U	—	—	—	—	—	—		20	10
Barium	20.8 B	45.3 B	—	—	—	—	—	—		1,000	200
Beryllium	0.10 U	0.10 U	—	—	—	—	—	—		5	5
Cadmium	0.10 U	0.10 U	—	—	—	—	—	—		5	5
Calcium	109,000	117,000	—	—	—	—	—	—			5,000
Chromium	0.50 B	2.0 B	—	—	—	—	—	—		11	10
Cobalt	0.20 U	0.30 U	—	—	—	—	—	—			50
Copper	3.0 B	3.0 B	—	—	—	—	—	—		25	25
Iron	8.5 U	8.1 U	—	—	—	—	—	—		7,000	100
Lead	0.8 U	1.2 U	—	—	—	—	—	—		4.2	3
Magnesium	31,200	33,600	—	—	—	—	—	—			5,000
Manganese	0.30 U	0.20 U	—	—	—	—	—	—			15
Mercury	0.10 U	0.10 U	—	—	—	—	—	—		0.2	0.2
Nickel	0.40 U	0.40 U	—	—	—	—	—	—		96	40
Potassium	1,870 B	2,730 B	—	—	—	—	—	—			5,000
Selenium	3.9 U	3.1 U	—	—	—	—	—	—		8.5	5
Silver	0.30 U	0.40 U	—	—	—	—	—	—		10	10
Sodium	2,350 B	2,470 B	—	—	—	—	—	—			5,000
Thallium	5.0 B	1.8 B	—	—	—	—	—	—		40	10
Vanadium	1.0 U	9.8 B	—	—	—	—	—	—			50
Zinc	9.9 B	10.0 B	—	—	—	—	—	—		86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	15.4 U	15.3 U	—	—	—	—	—	—			
Antimony	2.4 U	1.6 U	—	—	—	—	—	—			
Arsenic	2.4 U	2.5 U	—	—	—	—	—	—			
Barium	19.5 B	44.9 B	—	—	—	—	—	—			
Beryllium	0.10 U	0.10 U	—	—	—	—	—	—			
Cadmium	0.10 U	0.10 U	—	—	—	—	—	—			
Calcium	108,000	118,000	—	—	—	—	—	—			
Chromium	0.5 B	1.8 B	—	—	—	—	—	—			
Cobalt	0.20 U	0.30 U	—	—	—	—	—	—			
Copper	2.8 B	2.7 B	—	—	—	—	—	—			
Cyanide	0.60 U	0.70 B	—	—	—	—	—	—		10	10
Iron	8.50 U	8.1 U	—	—	—	—	—	—			
Lead	0.80 U	1.2 U	—	—	—	—	—	—			
Magnesium	30,100	32,600	—	—	—	—	—	—			
Manganese	0.30 U	0.20 U	—	—	—	—	—	—			
Mercury	0.10 U	0.10 U	—	—	—	—	—	—			
Nickel	0.40 U	0.40 U	—	—	—	—	—	—			
Potassium	1,810 B	2,650 B	—	—	—	—	—	—			
Selenium	3.90 U	3.1 U	—	—	—	—	—	—			
Silver	0.30 U	0.40 U	—	—	—	—	—	—			
Sodium	1,930 B	2,300 B	—	—	—	—	—	—			
Thallium	4.6 B	1.8 U	—	—	—	—	—	—			
Vanadium	1.0 U	8.8 B	—	—	—	—	—	—			
Zinc	12.4 B	9.0 B	—	—	—	—	—	—			
Volatile Organic Compounds (VOCs)	BRL	BRL	—	—	—	—	—	—			
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	—	—	—	—	—	—			
Pesticides / PCBs	BRL	BRL	—	—	—	—	—	—			

Notes:

- 1) All results expressed in micrograms per liter ($\mu\text{g/L}$).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling of this well is no longer required based on petition report dated 05/15/08 and EPA approval letter dated 11/24/09.

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for Outfall Surface Water Run Off Location SWD-3

Compound	Jun-08	Sep-08	Dec-08	Feb-09	Apr-09	Sep-09	Dec-09	Mar-10	Sep-11	Mar-11	Trigger Level	CRQL
Inorganics - Metals (Dissolved)¹⁴												
Aluminum	28.6 B	—	—	—	27 U	—	—	—	—	—	—	200
Antimony	1.6 U	—	—	—	4.8 U	—	—	—	—	—	—	60
Arsenic	2.5 U	—	—	—	3.6 U	—	—	—	—	—	—	20
Barium	9.5 J	—	—	—	9.5 J	—	—	—	—	—	—	1,000
Beryllium	0.10 U	—	—	—	2.3 U	—	—	—	—	—	—	5
Cadmium	0.10 U	—	—	—	0.2 U	—	—	—	—	—	—	5
Calcium	22,200 J	—	—	—	35800	—	—	—	—	—	—	5,000
Chromium	0.4 B	—	—	—	0.4 U	—	—	—	—	—	—	11
Cobalt	0.30 U	—	—	—	0.5 U	—	—	—	—	—	—	50
Copper	1.3 B	—	—	—	2.5 B	—	—	—	—	—	—	25
Iron	60.2 B	—	—	—	15.9 B	—	—	—	—	—	—	7,000
Lead	1.2 U	—	—	—	1.6 UJ	—	—	—	—	—	—	4.2
Magnesium	2,120 J	—	—	—	3970 B	—	—	—	—	—	—	5,000
Manganese	4.0 B	—	—	—	0.5 U	—	—	—	—	—	—	15
Mercury	0.10 UJ	—	—	—	0.1 U	—	—	—	—	—	—	0.2
Nickel	0.90 B	—	—	—	0.6 B	—	—	—	—	—	—	96
Potassium	7,440	—	—	—	3080 B	—	—	—	—	—	—	5,000
Selenium	3.1 U	—	—	—	3.3 U	—	—	—	—	—	—	8.5
Silver	0.40 U	—	—	—	0.5 U	—	—	—	—	—	—	10
Sodium	440 J	—	—	—	949 B	—	—	—	—	—	—	5,000
Thallium	3.4 B	—	—	—	1.5 UJ	—	—	—	—	—	—	40
Vanadium	0.80 U	—	—	—	1.0 U	—	—	—	—	—	—	50
Zinc	14.7 B	—	—	—	4.3 U	—	—	—	—	—	—	86
Inorganics - Metals and Cyanide (Total)												
Aluminum	351	—	—	—	162 B	—	—	—	—	—	—	—
Antimony	1.6 U	—	—	—	4.8 U	—	—	—	—	—	—	—
Arsenic	2.5 UJ	—	—	—	3.6 U	—	—	—	—	—	—	—
Barium	11.6 J	—	—	—	10.8 J	—	—	—	—	—	—	—
Beryllium	0.10 U	—	—	—	2.3 U	—	—	—	—	—	—	—
Cadmium	0.10 U	—	—	—	0.2 U	—	—	—	—	—	—	—
Calcium	21,900 J	—	—	—	37500	—	—	—	—	—	—	—
Chromium	0.70 B	—	—	—	0.4 B	—	—	—	—	—	—	—
Cobalt	0.30 U	—	—	—	0.5 U	—	—	—	—	—	—	—
Copper	2.3 B	—	—	—	6.6 B	—	—	—	—	—	—	—
Cyanide	0.60 B	—	—	—	0.2 U	—	—	—	—	—	—	10
Iron	661	—	—	—	304	—	—	—	—	—	—	—
Lead	2.2 B	—	—	—	1.6 UJ	—	—	—	—	—	—	—
Magnesium	2,190 J	—	—	—	4210 B	—	—	—	—	—	—	—
Manganese	29.7	—	—	—	6.7 B	—	—	—	—	—	—	—
Mercury	0.10 U	—	—	—	0.1 U	—	—	—	—	—	—	—
Nickel	1.4 UJ	—	—	—	0.4 U	—	—	—	—	—	—	—
Potassium	7,630	—	—	—	3310 B	—	—	—	—	—	—	—
Selenium	3.1 UJ	—	—	—	3.3 U	—	—	—	—	—	—	—
Silver	0.40 U	—	—	—	0.5 U	—	—	—	—	—	—	—
Sodium	352 J	—	—	—	739 B	—	—	—	—	—	—	—
Thallium	2.6 B	—	—	—	1.5 UJ	—	—	—	—	—	—	—
Vanadium	0.80 U	—	—	—	1.0 U	—	—	—	—	—	—	—
Zinc	16.9 B	—	—	—	4.3 U	—	—	—	—	—	—	—
Volatile Organic Compounds (VOCs)												
Semi-Volatile Organic Compounds (SVOCs)												
Pesticides / PCBs												

Notes:

- 1) All results expressed in micrograms per liter ($\mu\text{g/L}$).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.

○

DATA VALIDATION REPORT

FOR

SKINNER LANDFILL SITE

AECOM: PROJECT NUMBER 60212628

LABORATORY REPORT NUMBERS 211033023, 211033108, 211040411, and 211040412

PROJECT MANAGER: Ron Roelker

Date: June 2, 2011

Data Validator: Robert Davis and Mark Kromis

LIST OF ACRONYMS

BFB	Bromofluorobenzene
CC	Continuing Calibration
CCV	Continuing Calibration Verification
CCB	Continuing Calibration Blanks
CRDL	Contract Required Detection Limit
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenylphosphine
GC	Gas Chromatography
GC/ECD	Gas Chromatography/Electron Capture Detector
GC/MS	Gas Chromatograph/Mass Spectrometer
GCAL	Gulf Coast Analytical Laboratories
IC	Initial Calibration
ICB	Initial Calibration Blank
IDL	Instrument Detection Limit
ICP	Inductively Coupled Plasma
ICS	Interference Check Sample
ICV	Initial Calibration Verification
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MB	Method Blank
MS/MSD	Matrix Spike/Matrix Spike Duplicate
%D	Percent Difference
% RSD	Percent Relative Standard Deviation
PB	Preparation Blanks
PCB	Polychlorinated Biphenyls
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RRF	Relative Response Factor
RT	Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compound
SVOC	Semivolatile Organic Compounds
TB	Trip Blank
TCX	tetrachloro-m-xylene
US EPA	United States Environmental Protection Agency
VOC	Volatile Organic Compounds

**DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUPS 211033023,
211033108, 211040411, and 211040412**

INORGANICS

Validation of the inorganics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in March 2011 was conducted by AECOM using the National Functional Guidelines for Inorganic Data Review, (US EPA, March, 1994), as appropriate. The results were reported by GCAL under Sample Delivery Groups (SDGs) 211033023, 211033108, 211040411, and 211040412.

GCAL #	Sample Description
21103302301	SK-SW52-1035
21103302302	SK-FD-1035(SW52)
21103310801	SK-GW65-1035
21103310802	SK-GW63-1035
21103310803	SK-GW61-1035
21103310804	SK-GW59-1035
21103310805	SK-FD-1035(GW59)
21103310806	SK-GW58-1035
21103310807	SK-MS-1035(GW58)
21103310809	SK-DUP-1035(GW58)
21104041101	SK-GW07R-1035
21104041102	SK-GW26-1035
21104041201	SK-SW50-1035
21104041202	SK-MS-1035(SW50)
21104041204	SK-DUP-1035(SW50)

INTRODUCTION

Inorganic (metals) analyses were performed according to SW-846 methods 6010B and 7470A. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values maybe used without reservation. The laboratory to denote specific information regarding the analytical results uses various qualifier codes.

The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to AECOM for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user.

Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the inorganics data validation findings and conclusions are provided in the following sections of this report:

1. Holding Times
2. Calibration
 - A. Initial Calibration (IC)
 - B. Continuing Calibration (CC)
3. Blanks
4. Inductively Coupled Plasma (ICP) Interference Check Sample
5. Laboratory Control Sample (LCS)
6. Duplicate Analysis
7. Spike Sample Analysis
8. ICP Serial Dilution
9. Documentation
10. Overall Assessment

1. HOLDING TIMES

All samples for inorganics analyses were analyzed within the 180-day holding time for preserved aqueous samples. Mercury analyses were conducted within the 28-day holding time for aqueous samples. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C.

2. CALIBRATION

A. Initial Calibration

The percent recoveries for the Initial Calibration Verification (ICV) standard were within Quality Control (QC) limits for all constituents.

The percent recovery for Selenium in the Contract Required Detection Limit (CRDL) standard analyzed on 3/31/2011 was 55 %.

The percent recovery for Zinc in the Contract Required Detection Limit (CRDL) standard analyzed on 3/31/2011 was 71 %.

The percent recovery for Arsenic in the Contract Required Detection Limit (CRDL) standard analyzed on 4/1/2011 was 126 %.

The percent recovery for Calcium in the Contract Required Detection Limit (CRDL) standard analyzed on 4/1/2011 was 123% and 121 %.

The percent recovery for Thallium in the Contract Required Detection Limit (CRDL) standard analyzed on 4/1/2011 was 70 %.

The percent recovery for Lead in the Contract Required Detection Limit (CRDL) standard analyzed on 4/1/2011 was 79 %.

The percent recovery for Selenium in the Contract Required Detection Limit (CRDL) standard analyzed on 4/1/2011 was 124% and 137 %.

As per the National Functional Guidelines, if the CRDL percent recovery is less than 80% then detected results are qualified "J" and non-detected results are qualified with "UJ". If the CRDL percent recovery is greater than 120% then detected results are qualified "J".

B. Continuing Calibration

The percent recoveries for the Continuing Calibration Verification (CCV) standard were within QC limits for all constituents.

3. BLANKS

The Initial Calibration Blank (ICB), Continuing Calibration Blanks (CCB) and Method Blanks (MB) were analyzed at the appropriate frequencies. No constituents were detected in the ICB's, CCB's, or Method Blanks above the corresponding practical quantitation limit.

4. ICP INTERFERENCE CHECK SAMPLE

Results for the ICP analysis of the Interference Check Sample (ICS) solution AB were within 20% of the true value.

5. LABORATORY CONTROL SAMPLES

Recoveries were within the control limit (80-120%) for all constituents.

6. DUPLICATE ANALYSIS

The laboratory used samples SK-SW52-1035 and SK-GW59-1035 (total and dissolved fractions) for the duplicate samples. The Relative Percent Difference (RPD) between the sample and duplicate results for the total and dissolved fractions were within the acceptance criteria (<20%) for all target analytes except for the following: Iron and Manganese associated with the total fraction for SK-GW59-1035 and SK-FD-1035(GW59). As per the National Functional Guidelines, if the duplicate RPD criteria are not met then qualify the associated data as estimated "J".

7. SPIKE SAMPLE ANALYSIS

The laboratory used samples SK-SW52, SK-GW58-1035, and SK-SW50-1035 (total and dissolved fractions) for the matrix spike sample. The MS percent recoveries were within the acceptance criteria (75-125%) for all target analytes with the exception of Calcium (204 %) associated with sample SK-SW52-1035 (total), Calcium (17 %) and Magnesium (73 %) associated with sample SK-SW52-1035 (dissolved), Calcium (16 %) associated with sample SK-GW58-1035 (total), and Calcium (30 %), Magnesium (72 %), and Sodium (68 %) associated with sample SK-SW50-1035 (total). The concentrations of Calcium and Magnesium in the samples exceeded the spiking concentration by a factor greater than 4 times therefore data qualification was not required. The Sodium result in sample SK-SW50-1035 (total) was qualified as estimated "J".

The post digestion spike percent recoveries for Calcium (30%) and Sodium (68 %) associated with sample SK-SW50-1035 (total) exceeded the acceptance criteria which indicates a possible chemical or physical interference associated with the matrix of the sample.

8. ICP SERIAL DILUTION

As noted in the National Functional Guidelines: If the analyte concentration is at least 10 times above the IDL, its serial dilution analysis must then agree within 10% of the original determination after corrected for dilution. The serial dilution is performed to determine whether any significant chemical or physical interference's exist due to matrix effects. GCAL selected samples SK-SW52-1035, SK-GW58-1035, and SK-SW50-1035 (total and dissolved fractions) for serial dilution. The serial dilution percent differences were within the acceptance criteria for all target analytes.

9. DOCUMENTATION

The documentation submitted for review appeared accurate and in order.

10. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.

**DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUPS 211033023,
211033108, 211040411, and 211040412**

CYANIDE

Validation of the cyanide data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in March 2011 was conducted by AECOM using the National Functional Guidelines for Inorganic Data Review, (US EPA, March, 1994), as appropriate. The results were reported by GCAL under Sample Delivery Groups (SDGs) 211033023, 211033108, 211040411, and 211040412.

GCAL #	Sample Description
21103302301	SK-SW52-1035
21103302302	SK-FD-1035(SW52)
21103310801	SK-GW65-1035
21103310802	SK-GW63-1035
21103310803	SK-GW61-1035
21103310804	SK-GW59-1035
21103310805	SK-FD-1035(GW59)
21103310806	SK-GW58-1035
21103310807	SK-MS-1035(GW58)
21103310809	SK-DUP-1035(GW58)
21104041101	SK-GW07R-1035
21104041102	SK-GW26-1035
21104041201	SK-SW50-1035
21104041202	SK-MS-1035(SW50)
21104041204	SK-DUP-1035(SW50)

INTRODUCTION

Cyanide analyses were performed according to SW-846 method 9012. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values maybe used without reservation. The laboratory to denote specific information regarding the analytical results uses various qualifier codes.

The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to AECOM for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user.

Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the inorganics data validation findings and conclusions are provided in the following sections of this report:

1. Holding Times
2. Calibration
 - A. Initial Calibration (IC)
 - B. Continuing Calibration (CC)
3. Blanks
4. Laboratory Control Sample (LCS)
5. Duplicate Analysis
6. Matrix Spike
7. Documentation
8. Overall Assessment

1. HOLDING TIMES

Cyanide analyses were conducted within the 14-day holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C.

2. CALIBRATION

A. Initial Calibration

The percent recoveries for the Initial Calibration Verification (ICV) standard were within Quality Control (QC) limits for all constituents.

B. Continuing Calibration

The percent recoveries for the Continuing Calibration Verification (CCV) standard were within QC limits for all constituents.

3. BLANKS

The Initial Calibration Blank (ICB), Continuing Calibration Blanks (CCB) and Preparation Blanks (PB) were analyzed at the appropriate frequencies. No constituents were detected in the ICB, CCB, and PB above the corresponding Practical Quantitation Limit.

4. LABORATORY CONTROL SAMPLES

Recoveries were within the control limit (80-120%) for all constituents.

5. DUPLICATE ANALYSIS

The laboratory used samples SK-SW52-1035 and SK-GW59-1035 for the duplicate samples. The Relative Percent Difference (RPD) between the sample and duplicate results for the total and dissolved fractions were within the acceptance criteria (<20%) for all target analytes.

6. MATRIX SPIKE

The laboratory used samples SK-SW50-1035 and SK-GW58-1035 for the matrix spike sample. The MS percent recoveries were within the acceptance criteria (75-125%) for all target analytes.

7. DOCUMENTATION

The documentation submitted for review appeared accurate and in order.

8. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.

**DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUPS 211033023,
211033108, 211040411, and 211040412**

SEMOVOLATILE ORGANICS

Validation of the Gas Chromatograph/Mass Spectrometer (GC/MS) semi-volatile organic compounds (SVOC) data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in March 2011 was conducted by AECOM using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999) as appropriate. The results were reported by GCAL under SDGs 211033023, 211033108, 211040411, and 211040412.

GCAL #	Sample Description
21103302301	SK-SW52-1035
21103302302	SK-FD-1035(SW52)
21103310801	SK-GW65-1035
21103310802	SK-GW63-1035
21103310803	SK-GW61-1035
21103310804	SK-GW59-1035
21103310805	SK-FD-1035(GW59)
21103310806	SK-GW58-1035
21103310807	SK-MS-1035(GW58)
21103310808	SK-MSD-1035(GW58)
21104041101	SK-GW07R-1035
21104041102	SK-GW26-1035
21104041201	SK-SW50-1035
21104041202	SK-MS-1035(SW50)
21104041203	SK-MSD-1035(SW50)

INTRODUCTION

SVOC analyses were performed according to SW-846 method 8270C. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. The laboratory to denote specific information regarding the analytical results uses various data qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to AECOM for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the semivolatile data validation findings and conclusions are provided in the following sections of this report:

1. Holding Times
2. GC/MS Tuning
3. Calibration
 - A. Initial Calibration
 - B. Continuing Calibration
4. Blanks
5. System Monitoring Compound Recovery
6. Matrix Spike/Matrix Spike Duplicate
7. Laboratory Control Sample/Laboratory Control Sample Duplicate
8. Internal Standards Performance
9. System Performance
10. Documentation
11. Overall Assessment

1. HOLDING TIMES

The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C. All samples were initially extracted within the seven-day technical holding time.

2. GC/MS TUNING

The samples were analyzed on a single GC/MS system, identified as MSSV6. Four decafluorotriphenylphosphine (DFTPP) tunes were run representing the shift in which the standards and samples were analyzed. The DFTPP tunes are acceptable.

3. CALIBRATION

A. Initial Calibration

One IC dated 3/28/2011 was analyzed on instrument MSSV6 in support of the semivolatile sample analyses. Documentation of the IC was present in the data package, and the Relative Response Factor (RRF), as well as percent Relative Standard Deviation (%RSD) values was accurately reported for all target compounds.

The average RRF for the system performance check compounds associated with the IC were within the acceptance criteria specified in the method for all target compounds. The calibration check compounds %RSDs were within the acceptance criteria (<30%) specified in the method for all target compounds.

B. Continuing Calibration

Three CCs dated 3/31/2011, 4/4/2011, and 4/5/2011 were analyzed in support of the semivolatile sample analyses reported in the data submissions. The RRFs for the system performance check compounds were within the acceptance criteria specified in the method for all target compounds. The percent difference (%D) between the average RRFs and the CC Response Factors were within the acceptance criteria.

4. BLANKS

Three laboratory semivolatile method blanks were analyzed with this SDG. The results are summarized below.

Method Blank (MB933408)

There were no target compounds detected in the method blank extracted on 3/31/11.

Method Blank (MB933793)

There were no target compounds detected in the method blank extracted on 4/4/11.

Method Blank (MB934859)

There were no target compounds detected in the method blank extracted on 4/5/11.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported semivolatile system monitoring compounds (SMC) were recovered within acceptable control limits.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD)

Samples SK-SW50-1033 and SK-GW58-1033 were submitted for MS/MSD analysis. All MS/MSD percent recoveries were within the acceptance criteria. All of the percent RPDs between the MS and MSD were within the acceptance criteria.

7. LABORATORY CONTROL SAMPLE/ LABORATORY CONTROL SAMPLE DUPLICATE

Three Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSD) were analyzed in conjunction with these SDGs. Recoveries were within the control limits for all constituents.

8. INTERNAL STANDARDS PERFORMANCE

Internal standard (IS) areas and Retention Times (RT) were within the acceptance limits for the reported semivolatile samples.

9. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the data submitted for review.

10. DOCUMENTATION

GCAL reported the analytical method on the Form 1's as 8270 when it should have been reported as 8270C. The data validator manually made the correction on the Form 1's and contacted the laboratory regarding the finding.

11. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.

**DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUPS 211033023,
211033108, 211040411, and 211040412**

VOLATILE ORGANIC COMPOUNDS

Validation of the GC/MS volatile organic compounds (VOCs) data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in March 2011 was conducted by AECOM using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999), as appropriate. The results were reported by GCAL under SDGs 211033023, 211033108, 211040411, and 211040412.

GCAL #	Sample Description
21103302301	SK-SW52-1035
21103302302	SK-FD-1035(SW52)
21103302303	SK-TB-1035
21103310801	SK-GW65-1035
21103310802	SK-GW63-1035
21103310803	SK-GW61-1035
21103310804	SK-GW59-1035
21103310805	SK-FD-1035(GW59)
21103310806	SK-GW58-1035
21103310807	SK-MS-1035(GW58)
21103310808	SK-MSD-1035(GW58)
21103310810	SK-TB-1035
21104041101	SK-GW07R-1035
21104041102	SK-GW26-1035
21104041103	SK-TB2-1035
21104041201	SK-SW50-1035
21104041202	SK-MS-1035(SW50)
21104041203	SK-MSD-1035(SW50)
21104041205	SK-TB1-1035
21104041206	SK-TB3-1035

INTRODUCTION

VOCs analyses were performed according to SW-846 method 8260B. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. The laboratory to denote specific information regarding the analytical results uses various qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to AECOM for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

The volatiles data validation findings and conclusions are provided in the following sections of this report:

1. Holding Times
2. GC/MS Tuning
3. Calibration
 - A. Initial Calibration
 - B. Continuing Calibration
4. Blanks
5. System Monitoring Compound Recovery
6. Matrix Spike/Matrix Spike Duplicate
7. Laboratory Control Sample/Laboratory Control Sample Duplicate
8. Internal Standards Performance
9. System Performance

10. Documentation
11. Overall Assessment

1. HOLDING TIMES

All samples for Volatile Organic Compounds (VOC) analyses were analyzed within the 14-day technical holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C.

2. GC/MS TUNING

The samples were analyzed on four GC/MS systems identified as MSV12, MSV9, MSV7, and MSV11. Two bromofluorobenzene (BFB) tunes were run on MSV12, one bromofluorobenzene (BFB) tune was run on MSV9, one bromofluorobenzene (BFB) tune was run on MSV7, and six bromofluorobenzene (BFB) tunes were run on MSV11. The BFB tune criteria are acceptable.

3. CALIBRATION

A. Initial Calibration

One IC dated 3/23/11 was analyzed on instrument MSV12, one IC dated 3/31/11 was analyzed on instrument MSV7, two ICs dated 3/30/11 and 4/2/11 were analyzed on instrument MSV11, and one IC dated 3/21/11 was analyzed on instrument MSV9 in support of the volatile sample analyses reported in the data submissions. Documentation of the IC standards is present in the data package, and RRFs as well as %RSD values were accurately reported.

The average RRF for the system performance check compounds associated with the IC were within the acceptance criteria specified in the method for all target compounds. The calibration check compounds %RSDs were within the acceptance criteria (<30%) specified in the method for all target compounds.

B. Continuing Calibration

One CC dated 3/30/11 was analyzed on instrument MSV12 and two CCs dated 4/1/11 and 4/4/11 were analyzed on instrument MSV11 in support of the volatile sample analyses reported in the data submissions. The RRFs for the system performance check compounds were within the acceptance criteria specified in the method for all target compounds. The percent difference (%D) between the average RRFs and the CC Response Factors were within the acceptance criteria.

4. BLANKS

Six laboratory volatile method blanks and five trip blanks were analyzed with this SDG. The results are summarized below.

There were no target compounds detected in method blank MB933405 analyzed on 3/30/11 (1405).

There were no target compounds detected in method blank MB933718 analyzed on 3/31/11 (1411).

There were no target compounds detected in method blank MB934172 analyzed on 4/1/11 (1050).

There were no target compounds detected in method blank MB934699 analyzed on 4/4/11 (1034).

There were no target compounds detected in method blank MB934770 analyzed on 4/4/11 (2255).

There were no target compounds detected in method blank MB935169 analyzed on 4/6/11 (1240).

Trip Blank (SK-TB-1035)

There were no target compounds detected in the Trip Blank received on 3/30/11.

Trip Blank (SK-TB-1035)

There were no target compounds detected in the Trip Blank received on 3/31/11.

Trip Blank (SK-TB2-1035)

There were no target compounds detected in the Trip Blank received on 4/2/11.

Trip Blank (SK-TB1-1035)

There were no target compounds detected in the Trip Blank received on 4/2/11.

Trip Blank (SK-TB3-1035)

Methylene chloride was detected in the Trip Blank received on 4/2/11 between the MDL and the RL. None of the associated samples had detections for Methylene chloride; therefore, data qualification was not required.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported volatile system monitoring compounds (SMC) were recovered within GCAL in house acceptance limits.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Samples SK-SW50-1035 and SK-GW58-1035 were submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria. All of the percent RPDs between the MS and MSD were within the acceptance criteria.

7. LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE

Six Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSD) were analyzed in conjunction with this SDG. Recoveries were within the control limits for all constituents.

8. INTERNAL STANDARDS PERFORMANCE

Internal Standard (IS) areas and retention times were within acceptable limits for the reported volatile sample analyses.

9. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the data submitted for review.

10. DOCUMENTATION

GCAL reported the analytical method on the Form 1's as 8260 when it should have been reported as 8260B. The data validator manually made the correction on the Form 1's and contacted the laboratory regarding the finding.

11. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.

**DATA VALIDATION SUMMARY - SAMPLE DELIVERY GROUPS 211033023,
211033108, 211040411, and 211040412**

PESTICIDES

Validation of the Gas Chromatography (GC) pesticides data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in March 2011 was conducted by AECOM using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999), as appropriate. The results were reported by GCAL under SDGs 211033023, 211033108, 211040411, and 211040412.

GCAL #	Sample Description
21103302301	SK-SW52-1035
21103302302	SK-FD-1035(SW52)
21103310801	SK-GW65-1035
21103310802	SK-GW63-1035
21103310803	SK-GW61-1035
21103310804	SK-GW59-1035
21103310805	SK-FD-1035(GW59)
21103310806	SK-GW58-1035
21103310807	SK-MS-1035(GW58)
21103310808	SK-MSD-1035(GW58)
21104041101	SK-GW07R-1035
21104041102	SK-GW26-1035
21104041201	SK-SW50-1035
21104041202	SK-MS-1035(SW50)
21104041203	SK-MSD-1035(SW50)

INTRODUCTION

Pesticides analyses were performed according to SW-846 method 8081B. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. Various qualifier codes are used by the laboratory to denote specific information regarding the analytical results.

The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to AECOM for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the pesticide data validation findings and conclusions are provided in the following sections of this report:

1. Holding Times
2. Gas Chromatography (GC/ECD) Instrument Performance Check
3. Initial Calibration
4. Calibration Verification
5. Blanks
6. Surrogate Spikes
7. Matrix Spike/Matrix Spike Duplicate (MS/MSD)
8. Laboratory Control Sample/Laboratory Control Sample Duplicate
9. Documentation
10. Overall Assessment

1. HOLDING TIMES

The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C. All samples were initially extracted within the seven-day technical holding time.

2. GC/ECD INSTRUMENT PERFORMANCE CHECK

The percent breakdown for both 4,4'-DDT and endrin in each PEM was less than 15% for both GC columns.

3. INITIAL CALIBRATION

The Percent Relative Standard Deviation (%RSD) of the calibration factors for each of the single component pesticides was less than 20% for all target compounds.

4. CALIBRATION VERIFICATION

Absolute retention times were within appropriate time retention windows. The percent difference for each of the pesticides and surrogates were within the acceptance criteria of ± 15.0 percent except as follows: alpha-BHC, gamma-BHC, beta-BHC, Heptachlor, delta-BHC, Aldrin, Heptachlor epoxide, gamma-Chlordane, and Endosulfan I %D on 4/5/2011 was above 15.0 %. The above compounds were not detected in the associated samples therefore data qualification was not required.

5. BLANKS

Three laboratory method blanks were analyzed with this SDG. The results are summarized below.

Method Blank MB933264

No constituents were reported by GCAL for the method blank extracted on 3/30/11.

Method Blank MB933837

No constituents were reported by GCAL for the method blank extracted on 4/4/11.

Method Blank MB934647

No constituents were reported by GCAL for the method blank extracted on 4/5/11.

6. SURROGATE SPIKES

Decachlorobiphenyl (DCB) and tetrachloro-m-xylene (TCX) surrogate spike recoveries were within the acceptance criteria for all samples.

7. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Samples SK-SW50-1035 and SK-GW58-1035 were submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance for all target compounds. All of the percent RPDs between the MS and MSD were within the acceptance criteria.

8. LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE

Three Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSD) were analyzed in conjunction with this SDG. Recoveries were within the control limits for all constituents.

9. DOCUMENTATION

The documentation submitted for review appeared accurate and in order.

10. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.

**DATA VALIDATION SUMMARY - SAMPLE DELIVERY GROUPS 211033023,
211033108, 211040411, and 211040412**

POLYCHLORINATED BIPHENYLS

Validation of the Gas Chromatography (GC) polychlorinated biphenyls (PCB) data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in March 2011 was conducted by AECOM using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999), as appropriate. The results were reported by GCAL under SDGs 211033023, 211033108, 211040411, and 211040412.

GCAL #	Sample Description
21103302301	SK-SW52-1035
21103302302	SK-FD-1035(SW52)
21103310801	SK-GW65-1035
21103310802	SK-GW63-1035
21103310803	SK-GW61-1035
21103310804	SK-GW59-1035
21103310805	SK-FD-1035(GW59)
21103310806	SK-GW58-1035
21103310807	SK-MS-1035(GW58)
21103310808	SK-MSD-1035(GW58)
21104041101	SK-GW07R-1035
21104041102	SK-GW26-1035
21104041201	SK-SW50-1035
21104041202	SK-MS-1035(SW50)
21104041203	SK-MSD-1035(SW50)

INTRODUCTION

PCB analyses were performed according to SW-846 method 8082. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. Various qualifier codes are used by the laboratory to denote specific information regarding the analytical results.

The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to AECOM for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the pesticide data validation findings and conclusions are provided in the following sections of this report:

1. Holding Times
2. Initial Calibration
3. Calibration Verification
4. Blanks
5. Surrogate Spikes
6. Matrix Spike/Matrix Spike Duplicate (MS/MSD)
7. Laboratory Control Sample/Laboratory Control Sample Duplicate
8. Documentation
9. Overall Assessment

1. HOLDING TIMES

The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C. All samples were initially extracted within the seven-day technical holding time.

2. INITIAL CALIBRATION

The Percent Relative Standard Deviation (%RSD) of the calibration factors for each of the single component pesticides was less than 20% for all target compounds.

3. CALIBRATION VERIFICATION

Absolute retention times were within appropriate time retention windows. The percent difference for Aroclor s 1016/1260 and surrogates were within the acceptance criteria of ± 15.0 percent for the calibration verifications except as follows: Aroclor 1016 %D on 4/1/2011 was 16.7%. Aroclor's were not detected in the associated samples therefore data qualification was not required.

4. BLANKS

Three laboratory method blanks were analyzed with this SDG. The results are summarized below.

Method Blank MB933267

No constituents were reported by GCAL for the method blank extracted on 3/30/11.

Method Blank MB933843

No constituents were reported by GCAL for the method blank extracted on 4/4/11.

Method Blank MB934650

No constituents were reported by GCAL for the method blank extracted on 4/5/11.

5. SURROGATE SPIKES

Decachlorobiphenyl (DCB) surrogate spike recoveries were within the acceptance criteria for all samples.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Samples SK-SW50-1035 and SK-GW58-1035 were submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance for all target compounds. All of the percent RPDs between the MS and MSD were within the acceptance criteria.

**7. LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE
DUPLICATE**

Three Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSD) were analyzed in conjunction with this SDG. Recoveries were within the control limits for all constituents.

8. DOCUMENTATION

The documentation submitted for review appeared accurate and in order.

9. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.

REFERENCES

US EPA, 1994. *National Functional Guidelines for Inorganic Data Review*.

US EPA, 1999. *National Functional Guidelines for Organic Data Review*.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW52-1035

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033023
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21103302301
 Level: (low/med) LOW Lab File ID: 2110330/g5817
 % Moisture: not dec.
 GC Column: RTX-VMS-30 ID: .25 (mm)
 Date Collected: 03/29/11 Time: 1245
 Instrument ID: MSV12 Date Received: 03/30/11
 Soil Extract Volume: (µL) Date Analyzed: 03/30/11 Time: 1703
 Soil Aliquot Volume: (µL) Dilution Factor: 1 Analyst: RJJ
 Prep Batch: Analytical Batch: 453426
 CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.112	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.179	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.064	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.138	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.169	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.086	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.121	1.00
540-59-0	1,2-Dichloroethene (total)	1.00	U	0.169	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.114	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.080	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.058	1.00
78-93-3	2-Butanone	5.00	U	0.235	5.00
591-78-6	2-Hexanone	5.00	U	0.302	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.142	5.00
67-64-1	Acetone	5.00	U	0.322	5.00
71-43-2	Benzene	1.00	U	0.049	1.00
75-27-4	Bromodichloromethane	1.00	U	0.071	1.00
75-25-2	Bromoform	1.00	U	0.278	1.00
74-83-9	Bromomethane	1.00	U	0.276	1.00
75-15-0	Carbon disulfide	1.00	U	0.190	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.056	1.00
108-90-7	Chlorobenzene	1.00	U	0.055	1.00
75-00-3	Chloroethane	1.00	U	0.279	1.00
67-66-3	Chloroform	1.00	U	0.062	1.00
74-87-3	Chloromethane	1.00	U	0.076	1.00
124-48-1	Dibromochloromethane	1.00	U	0.133	1.00
100-41-4	Ethylbenzene	1.00	U	0.180	1.00
75-09-2	Methylene chloride	2.00	U	0.102	2.00
100-42-5	Styrene	1.00	U	0.058	1.00

FORM I VOA

pp 6/9/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW52-1035

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033023
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21103302301
 Level: (low/med) LOW Lab File ID: 2110330/g5817
 % Moisture: not dec.
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Collected: 03/29/11 Time: 1245
 Instrument ID: MSV12 Date Received: 03/30/11
 Soil Extract Volume: _____ (µL) Date Analyzed: 03/30/11 Time: 1703
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 CONCENTRATION UNITS: ug/L Prep Batch: _____ Analytical Batch: 453426
 Analytical Method: SW-846 8260 B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1.00	U	0.141	1.00
108-88-3	Toluene	1.00	U	0.078	1.00
79-01-6	Trichloroethene	1.00	U	0.094	1.00
75-01-4	Vinyl chloride	1.00	U	0.104	1.00
1330-20-7	Xylene (total)	1.00	U	0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.068	1.00

pp 6/9/11

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SK-SW52-1035

Lab Name: GCAL Contract: _____
Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033023
Matrix: Water Lab Sample ID: 21103302301
Sample wt/vol: _____ Units: _____ Lab File ID: 2110330/g5817T
Level: (low/med) _____ Date Collected: 03/29/11 Time: 1245
% Moisture: not dec. _____ Date Received: 03/30/11
GC Column: RTX-VMS-30 ID: .25 (mm) Date Analyzed: 03/30/11 Time: 1703
Instrument ID: MSV12 Dilution Factor: 1 Analyst: RJU
Soil Extract Volume: _____ (μ L)
Soil Aliquot Volume: _____ (μ L)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	No tics detected		ND	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-FD-1035 (SW52)

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033023
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21103302302
 Level: (low/med) LOW Lab File ID: 2110330/g5818
 % Moisture: not dec.
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Collected: 03/29/11 Time: 1250
 Instrument ID: MSV12 Date Received: 03/30/11
 Soil Extract Volume: _____ (µL) Date Analyzed: 03/30/11 Time: 1725
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 CONCENTRATION UNITS: ug/L Prep Batch: _____ Analytical Batch: 453426
 Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.112	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.179	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.064	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.138	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.169	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.086	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.121	1.00
540-59-0	1,2-Dichloroethene (total)	1.00	U	0.169	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.114	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.080	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.058	1.00
78-93-3	2-Butanone	5.00	U	0.235	5.00
591-78-6	2-Hexanone	5.00	U	0.302	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.142	5.00
67-64-1	Acetone	5.00	U	0.322	5.00
71-43-2	Benzene	1.00	U	0.049	1.00
75-27-4	Bromodichloromethane	1.00	U	0.071	1.00
75-25-2	Bromoform	1.00	U	0.278	1.00
74-83-9	Bromomethane	1.00	U	0.276	1.00
75-15-0	Carbon disulfide	1.00	U	0.190	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.056	1.00
108-90-7	Chlorobenzene	1.00	U	0.055	1.00
75-00-3	Chloroethane	1.00	U	0.279	1.00
67-66-3	Chloroform	1.00	U	0.062	1.00
74-87-3	Chloromethane	1.00	U	0.076	1.00
124-48-1	Dibromochloromethane	1.00	U	0.133	1.00
100-41-4	Ethylbenzene	1.00	U	0.180	1.00
75-09-2	Methylene chloride	2.00	U	0.102	2.00
100-42-5	Styrene	1.00	U	0.058	1.00

RP
6/1/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-FD-1035 (SW52)

Lab Name: GCAL	Contract:		
Lab Code: LA024	Case No.: _____	SAS No.: _____	SDG No.: 211033023
Matrix: (soil/water) Water			
Sample wt/vol: 5 (g/ml) mL	Lab Sample ID: 21103302302		
Level: (low/med) LOW	Lab File ID: 2110330/g5818		
% Moisture: not dec.	Date Collected: 03/29/11	Time: 1250	
GC Column: RTX-VMS-30 ID: .25 (mm)	Date Received: 03/30/11		
Instrument ID: MSV12	Date Analyzed: 03/30/11	Time: 1725	
Soil Extract Volume: (µL)	Dilution Factor: 1	Analyst: RJU	
Soil Aliquot Volume: (µL)	Prep Batch: _____	Analytical Batch: 453426	
CONCENTRATION UNITS: ug/L	Analytical Method: SW-846 8260 B		

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1.00	U	0.141	1.00
108-88-3	Toluene	1.00	U	0.078	1.00
79-01-6	Trichloroethene	1.00	U	0.094	1.00
75-01-4	Vinyl chloride	1.00	U	0.104	1.00
1330-20-7	Xylene (total)	1.00	U	0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.068	1.00

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-FD-1035 (SW52)

Lab Name: GCAL Contract: _____
Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033023
Matrix: Water Lab Sample ID: 21103302302
Sample wt/vol: Units: Lab File ID: 2110330/g5818T
Level: (low/med) Date Collected: 03/29/11 Time: 1250
% Moisture: not dec. Date Received: 03/30/11
GC Column: RTX-VMS-30 ID: .25 (mm) Date Analyzed: 03/30/11 Time: 1725
Instrument ID: MSV12 Dilution Factor: 1 Analyst: RJU
Soil Extract Volume: (μL)
Soil Aliquot Volume: (μL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	No tics detected		ND	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1035

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033023
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21103302303
 Level: (low/med) LOW Lab File ID: 2110330/g5816
 % Moisture: not dec. Date Collected: 03/29/11 Time: 1700
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/30/11
 Instrument ID: MSV12 Date Analyzed: 03/30/11 Time: 1641
 Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RJJ
 Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 453426
 CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.112	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.179	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.064	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.138	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.169	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.086	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.121	1.00
540-59-0	1,2-Dichloroethene (total)	1.00	U	0.169	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.114	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.080	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.058	1.00
78-93-3	2-Butanone	5.00	U	0.235	5.00
591-78-6	2-Hexanone	5.00	U	0.302	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.142	5.00
67-64-1	Acetone	5.00	U	0.322	5.00
71-43-2	Benzene	1.00	U	0.049	1.00
75-27-4	Bromodichloromethane	1.00	U	0.071	1.00
75-25-2	Bromoform	1.00	U	0.278	1.00
74-83-9	Bromomethane	1.00	U	0.276	1.00
75-15-0	Carbon disulfide	1.00	U	0.190	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.056	1.00
108-90-7	Chlorobenzene	1.00	U	0.055	1.00
75-00-3	Chloroethane	1.00	U	0.279	1.00
67-66-3	Chloroform	1.00	U	0.062	1.00
74-87-3	Chloromethane	1.00	U	0.076	1.00
124-48-1	Dibromochloromethane	1.00	U	0.133	1.00
100-41-4	Ethylbenzene	1.00	U	0.180	1.00
75-09-2	Methylene chloride	2.00	U	0.102	2.00
100-42-5	Styrene	1.00	U	0.058	1.00

FORM I VOA

211033023 11

10/14/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1035

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033023
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21103302303
 Level: (low/med) LOW Lab File ID: 2110330/g5816
 % Moisture: not dec.
 GC Column: RTX-VMS-30 ID: .25 (mm)
 Instrument ID: MSV12
 Soil Extract Volume: _____ (µL)
 Soil Aliquot Volume: _____ (µL)
 CONCENTRATION UNITS: ug/L Date Collected: 03/29/11 Time: 1700
 Date Received: 03/30/11 Date Analyzed: 03/30/11 Time: 1641
 Dilution Factor: 1 Analyst: RJU
 Prep Batch: _____ Analytical Batch: 453426
 Analytical Method: SW-846 8260 *b*

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1.00	U	0.141	1.00
108-88-3	Toluene	1.00	U	0.078	1.00
79-01-6	Trichloroethene	1.00	U	0.094	1.00
75-01-4	Vinyl chloride	1.00	U	0.104	1.00
1330-20-7	Xylene (total)	1.00	U	0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.068	1.00

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SK-TB-1035

Lab Name:	GCAL	Contract:	
Lab Code:	LA024	Case No.:	
Matrix:	Water	SAS No.:	SDG No.: 211033023
Sample wt/vol:		Lab Sample ID:	21103302303
Level: (low/med)		Lab File ID:	2110330/g5816T
% Moisture:	not dec.	Date Collected:	03/29/11 Time: 1700
GC Column:	RTX-VMS-30	ID:	.25 (mm)
Instrument ID:	MSV12	Date Received:	03/30/11
Soil Extract Volume:		Date Analyzed:	03/30/11 Time: 1641
Soil Aliquot Volume:		Dilution Factor:	1 Analyst: RJU

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	No tics detected		ND	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW65-1035

Lab Name: GCAL

Contract:

Lab Code: LA024

Case No.:

SAS No.:

SDG No.: 211033108

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL

Lab Sample ID: 21103310801

Level: (low/med) LOW

Lab File ID: 2110331/c1641

% Moisture: not dec.

Date Collected: 03/30/11 Time: 0920

GC Column: RTX-VMS-30 ID: .25 (mm)

Date Received: 03/31/11

Instrument ID: MSV7

Date Analyzed: 03/31/11 Time: 1956

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: RJU

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 453476

CONCENTRATION UNITS: ug/L

Analytical Method: SW-846 8260B

CAS NO. COMPOUND

RESULT

Q

MDL

RL

71-55-6	1,1,1-Trichloroethane	1.00	U	0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.112	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.179	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.064	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.138	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.169	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.086	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.121	1.00
540-59-0	1,2-Dichloroethene (total)	1.00	U	0.169	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.114	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.080	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.058	1.00
78-93-3	2-Butanone	5.00	U	0.235	5.00
591-78-6	2-Hexanone	5.00	U	0.302	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.142	5.00
67-64-1	Acetone	5.00	U	0.322	5.00
71-43-2	Benzene	1.00	U	0.049	1.00
75-27-4	Bromodichloromethane	1.00	U	0.071	1.00
75-25-2	Bromoform	1.00	U	0.278	1.00
74-83-9	Bromomethane	1.00	U	0.276	1.00
75-15-0	Carbon disulfide	1.00	U	0.190	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.056	1.00
108-90-7	Chlorobenzene	1.00	U	0.055	1.00
75-00-3	Chloroethane	1.00	U	0.279	1.00
67-66-3	Chloroform	1.00	U	0.062	1.00
74-87-3	Chloromethane	1.00	U	0.076	1.00
124-48-1	Dibromochloromethane	1.00	U	0.133	1.00
100-41-4	Ethylbenzene	1.00	U	0.180	1.00
75-09-2	Methylene chloride	2.00	U	0.102	2.00
100-42-5	Styrene	1.00	U	0.058	1.00

HP
4/1/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW65-1035

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033108

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21103310801

Level: (low/med) LOW Lab File ID: 2110331/c1641

% Moisture: not dec. _____ Date Collected: 03/30/11 Time: 0920

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/31/11

Instrument ID: MSV7 Date Analyzed: 03/31/11 Time: 1956

Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU

Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 453476

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1.00	U	0.141	1.00
108-88-3	Toluene	1.00	U	0.078	1.00
79-01-6	Trichloroethene	1.00	U	0.094	1.00
75-01-4	Vinyl chloride	1.00	U	0.104	1.00
1330-20-7	Xylene (total)	1.00	U	0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.068	1.00

MP
6/9/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW63-1035

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033108
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21103310802
 Level: (low/med) LOW Lab File ID: 2110331/c1642
 % Moisture: not dec. Date Collected: 03/30/11 Time: 1000
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/31/11
 Instrument ID: MSV7 Date Analyzed: 03/31/11 Time: 2017
 Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RJJ
 Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 453476
 CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.112	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.179	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.064	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.138	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.169	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.086	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.121	1.00
540-59-0	1,2-Dichloroethene (total)	1.00	U	0.169	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.114	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.080	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.058	1.00
78-93-3	2-Butanone	5.00	U	0.235	5.00
591-78-6	2-Hexanone	5.00	U	0.302	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.142	5.00
67-64-1	Acetone	5.00	U	0.322	5.00
71-43-2	Benzene	1.00	U	0.049	1.00
75-27-4	Bromodichloromethane	1.00	U	0.071	1.00
75-25-2	Bromoform	1.00	U	0.278	1.00
74-83-9	Bromomethane	1.00	U	0.276	1.00
75-15-0	Carbon disulfide	1.00	U	0.190	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.056	1.00
108-90-7	Chlorobenzene	1.00	U	0.055	1.00
75-00-3	Chloroethane	1.00	U	0.279	1.00
67-66-3	Chloroform	1.00	U	0.062	1.00
74-87-3	Chloromethane	1.00	U	0.076	1.00
124-48-1	Dibromochloromethane	1.00	U	0.133	1.00
100-41-4	Ethylbenzene	1.00	U	0.180	1.00
75-09-2	Methylene chloride	2.00	U	0.102	2.00
100-42-5	Styrene	1.00	U	0.058	1.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW63-1035

Lab Name: GCAL

Contract:

Lab Code: LA024

Case No.:

SAS No.:

SDG No. 211033108

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL

Lab Sample ID: 21103310802

Level: (low/med) LOW

Lab File ID: 2110331/c1642

% Moisture: not dec.

Date Collected: 03/30/11 Time: 1000

GC Column: RTX-VMS-30 ID: .25 (mm)

Date Received: 03/31/11

Instrument ID: MSV7

Date Analyzed: 03/31/11 Time: 2017

Soil Extract Volume: _____ (µL)

Dilution Factor: 1 Analyst: RJU

Soil Aliquot Volume: _____ (µL)

Prep Batch: _____ Analytical Batch: 453476

CONCENTRATION UNITS: ug/L

Analytical Method: SW-846 8260 B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1.00	U	0.141	1.00
108-88-3	Toluene	1.00	U	0.078	1.00
79-01-6	Trichloroethene	1.00	U	0.094	1.00
75-01-4	Vinyl chloride	1.00	U	0.104	1.00
1330-20-7	Xylene (total)	1.00	U	0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.068	1.00

RD 6/9/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW61-1035

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033108
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21103310803
 Level: (low/med) LOW Lab File ID: 2110401/b1200
 % Moisture: not dec. Date Collected: 03/30/11 Time: 1050
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/31/11
 Instrument ID: MSV11 Date Analyzed: 04/01/11 Time: 1333
 Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: CLH
 Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 453572
 CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.112	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.179	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.064	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.138	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.169	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.086	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.121	1.00
540-59-0	1,2-Dichloroethene (total)	1.00	U	0.169	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.114	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.080	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.058	1.00
78-93-3	2-Butanone	5.00	U	0.235	5.00
591-78-6	2-Hexanone	5.00	U	0.302	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.142	5.00
67-64-1	Acetone	5.00	U	0.322	5.00
71-43-2	Benzene	1.00	U	0.049	1.00
75-27-4	Bromodichloromethane	1.00	U	0.071	1.00
75-25-2	Bromoform	1.00	U	0.278	1.00
74-83-9	Bromomethane	1.00	U	0.276	1.00
75-15-0	Carbon disulfide	1.00	U	0.190	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.056	1.00
108-90-7	Chlorobenzene	1.00	U	0.055	1.00
75-00-3	Chloroethane	1.00	U	0.279	1.00
67-66-3	Chloroform	1.00	U	0.062	1.00
74-87-3	Chloromethane	1.00	U	0.076	1.00
124-48-1	Dibromochloromethane	1.00	U	0.133	1.00
100-41-4	Ethylbenzene	1.00	U	0.180	1.00
75-09-2	Methylene chloride	2.00	U	0.102	2.00
100-42-5	Styrene	1.00	U	0.058	1.00

RP 6/11/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW61-1035

Lab Name: GCAL

Contract: _____

Lab Code: LA024

Case No.: _____

SAS No.: _____

SDG No.: 211033108

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL

Lab Sample ID: 21103310803

Level: (low/med) LOW

Lab File ID: 2110401/b1200

% Moisture: not dec.

Date Collected: 03/30/11 Time: 1050

GC Column: RTX-VMS-30 ID: .25 (mm)

Date Received: 03/31/11

Instrument ID: MSV11

Date Analyzed: 04/01/11 Time: 1333

Soil Extract Volume: _____ (μL)

Dilution Factor: 1 Analyst: CLH

Soil Aliquot Volume: _____ (μL)

Prep Batch: _____ Analytical Batch: 453572

CONCENTRATION UNITS: ug/L

Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1.00	U	0.141	1.00
108-88-3	Toluene	1.00	U	0.078	1.00
79-01-6	Trichloroethene	1.00	U	0.094	1.00
75-01-4	Vinyl chloride	1.00	U	0.104	1.00
1330-20-7	Xylene (total)	1.00	U	0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.068	1.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW59-1035

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033108

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21103310804

Level: (low/med) LOW Lab File ID: 2110401/b1201

% Moisture: not dec. Date Collected: 03/30/11 Time: 1320

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/31/11

Instrument ID: MSV11 Date Analyzed: 04/01/11 Time: 1355

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: CLH

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 453572

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.112	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.179	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.064	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.138	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.169	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.086	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.121	1.00
540-59-0	1,2-Dichloroethene (total)	1.00	U	0.169	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.114	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.080	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.058	1.00
78-93-3	2-Butanone	5.00	U	0.235	5.00
591-78-6	2-Hexanone	5.00	U	0.302	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.142	5.00
67-64-1	Acetone	5.00	U	0.322	5.00
71-43-2	Benzene	1.00	U	0.049	1.00
75-27-4	Bromodichloromethane	1.00	U	0.071	1.00
75-25-2	Bromoform	1.00	U	0.278	1.00
74-83-9	Bromomethane	1.00	U	0.276	1.00
75-15-0	Carbon disulfide	1.00	U	0.190	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.056	1.00
108-90-7	Chlorobenzene	1.00	U	0.055	1.00
75-00-3	Chloroethane	1.00	U	0.279	1.00
67-66-3	Chloroform	1.00	U	0.062	1.00
74-87-3	Chloromethane	1.00	U	0.076	1.00
124-48-1	Dibromochloromethane	1.00	U	0.133	1.00
100-41-4	Ethylbenzene	1.00	U	0.180	1.00
75-09-2	Methylene chloride	2.00	U	0.102	2.00
100-42-5	Styrene	1.00	U	0.058	1.00

FORM I VOA

211033108 11

pp 6/4/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW59-1035

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033108

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21103310804

Level: (low/med) LOW Lab File ID: 2110401/b1201

% Moisture: not dec. _____ Date Collected: 03/30/11 Time: 1320

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/31/11

Instrument ID: MSV11 Date Analyzed: 04/01/11 Time: 1355

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: CLH

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 453572

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260/B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1.00	U	0.141	1.00
108-88-3	Toluene	1.00	U	0.078	1.00
79-01-6	Trichloroethene	1.00	U	0.094	1.00
75-01-4	Vinyl chloride	1.00	U	0.104	1.00
1330-20-7	Xylene (total)	1.00	U	0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.068	1.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-FD-1035 (GW59)

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033108
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21103310805
 Level: (low/med) LOW Lab File ID: 2110401/b1202
 % Moisture: not dec. Date Collected: 03/30/11 Time: 1330
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/31/11
 Instrument ID: MSV11 Date Analyzed: 04/01/11 Time: 1418
 Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: CLH
 Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 453572
 CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260B

CAS NO. COMPOUND RESULT Q MDL RL

71-55-6	1,1,1-Trichloroethane	1.00	U	0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.112	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.179	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.064	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.138	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.169	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.086	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.121	1.00
540-59-0	1,2-Dichloroethene (total)	1.00	U	0.169	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.114	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.080	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.058	1.00
78-93-3	2-Butanone	5.00	U	0.235	5.00
591-78-6	2-Hexanone	5.00	U	0.302	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.142	5.00
67-64-1	Acetone	5.00	U	0.322	5.00
71-43-2	Benzene	1.00	U	0.049	1.00
75-27-4	Bromodichloromethane	1.00	U	0.071	1.00
75-25-2	Bromoform	1.00	U	0.278	1.00
74-83-9	Bromomethane	1.00	U	0.276	1.00
75-15-0	Carbon disulfide	1.00	U	0.190	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.056	1.00
108-90-7	Chlorobenzene	1.00	U	0.055	1.00
75-00-3	Chloroethane	1.00	U	0.279	1.00
67-66-3	Chloroform	1.00	U	0.062	1.00
74-87-3	Chloromethane	1.00	U	0.076	1.00
124-48-1	Dibromochloromethane	1.00	U	0.133	1.00
100-41-4	Ethylbenzene	1.00	U	0.180	1.00
75-09-2	Methylene chloride	2.00	U	0.102	2.00
100-42-5	Styrene	1.00	U	0.058	1.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-FD-1035 (GW59)

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033108
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21103310805
 Level: (low/med) LOW Lab File ID: 2110401/b1202
 % Moisture: not dec.
 GC Column: RTX-VMS-30 ID: .25 (mm)
 Instrument ID: MSV11 Date Collected: 03/30/11 Time: 1330
 Soil Extract Volume: _____ (µL) Date Received: 03/31/11
 Soil Aliquot Volume: _____ (µL) Date Analyzed: 04/01/11 Time: 1418
 Dilution Factor: 1 Analyst: CLH
 Prep Batch: _____ Analytical Batch: 453572
 CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260/3

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1.00	U	0.141	1.00
108-88-3	Toluene	1.00	U	0.078	1.00
79-01-6	Trichloroethene	1.00	U	0.094	1.00
75-01-4	Vinyl chloride	1.00	U	0.104	1.00
1330-20-7	Xylene (total)	1.00	U	0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.068	1.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW58-1035

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033108
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21103310806
 Level: (low/med) LOW Lab File ID: 2110401/b1196
 % Moisture: not dec. Date Collected: 03/30/11 Time: 1415
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/31/11
 Instrument ID: MSV11 Date Analyzed: 04/01/11 Time: 1203
 Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: CLH
 Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 453572
 CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.112	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.179	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.064	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.138	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.169	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.086	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.121	1.00
540-59-0	1,2-Dichloroethene (total)	1.00	U	0.169	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.114	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.080	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.058	1.00
78-93-3	2-Butanone	5.00	U	0.235	5.00
591-78-6	2-Hexanone	5.00	U	0.302	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.142	5.00
67-64-1	Acetone	5.00	U	0.322	5.00
71-43-2	Benzene	1.00	U	0.049	1.00
75-27-4	Bromodichloromethane	1.00	U	0.071	1.00
75-25-2	Bromoform	1.00	U	0.278	1.00
74-83-9	Bromomethane	1.00	U	0.276	1.00
75-15-0	Carbon disulfide	1.00	U	0.190	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.056	1.00
108-90-7	Chlorobenzene	1.00	U	0.055	1.00
75-00-3	Chloroethane	1.00	U	0.279	1.00
67-66-3	Chloroform	1.00	U	0.062	1.00
74-87-3	Chloromethane	1.00	U	0.076	1.00
124-48-1	Dibromochloromethane	1.00	U	0.133	1.00
100-41-4	Ethylbenzene	1.00	U	0.180	1.00
75-09-2	Methylene chloride	2.00	U	0.102	2.00
100-42-5	Styrene	1.00	U	0.058	1.00

PA 6/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW58-1035

Lab Name: GCAL

Contract: _____

Lab Code: LA024

Case No.: _____

SAS No.: _____

SDG No.: 211033108

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL

Lab Sample ID: 21103310806

Level: (low/med) LOW

Lab File ID: 2110401/b1196

% Moisture: not dec.

Date Collected: 03/30/11 Time: 1415

GC Column: RTX-VMS-30 ID: .25 (mm)

Date Received: 03/31/11

Instrument ID: MSV11

Date Analyzed: 04/01/11 Time: 1203

Soil Extract Volume: _____ (μL)

Dilution Factor: 1 Analyst: CLH

Soil Aliquot Volume: _____ (μL)

Prep Batch: _____ Analytical Batch: 453572

CONCENTRATION UNITS: ug/L

Analytical Method: SW-846 8260 B

CAS NO. COMPOUND

RESULT

Q

MDL

RL

127-18-4	Tetrachloroethene	1.00	U	0.141	1.00
108-88-3	Toluene	1.00	U	0.078	1.00
79-01-6	Trichloroethene	1.00	U	0.094	1.00
75-01-4	Vinyl chloride	1.00	U	0.104	1.00
1330-20-7	Xylene (total)	1.00	U	0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.068	1.00

PO 6/1/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-MS-1035 (GW58)

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033108
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21103310807
 Level: (low/med) LOW Lab File ID: 2110401/b1197
 % Moisture: not dec. Date Collected: 03/30/11 Time: 1420
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/31/11
 Instrument ID: MSV11 Date Analyzed: 04/01/11 Time: 1225
 Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: CLH
 Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 453572
 CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	55.4		0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	54.6		0.112	1.00
79-00-5	1,1,2-Trichloroethane	52.3		0.179	1.00
75-34-3	1,1-Dichloroethane	53.9		0.064	1.00
75-35-4	1,1-Dichloroethene	53.8		0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	47.7		0.138	1.00
106-93-4	1,2-Dibromoethane	53.3		0.169	1.00
95-50-1	1,2-Dichlorobenzene	48.9		0.086	1.00
107-06-2	1,2-Dichloroethane	53.0		0.121	1.00
540-59-0	1,2-Dichloroethene (total)	112		0.169	1.00
78-87-5	1,2-Dichloropropane	51.8		0.114	1.00
541-73-1	1,3-Dichlorobenzene	50.2		0.080	1.00
106-46-7	1,4-Dichlorobenzene	50.8		0.058	1.00
78-93-3	2-Butanone	42.4		0.235	5.00
591-78-6	2-Hexanone	48.2		0.302	5.00
108-10-1	4-Methyl-2-pentanone	56.2		0.142	5.00
67-64-1	Acetone	30.4		0.322	5.00
71-43-2	Benzene	52.8		0.049	1.00
75-27-4	Bromodichloromethane	54.2		0.071	1.00
75-25-2	Bromoform	51.0		0.278	1.00
74-83-9	Bromomethane	50.7		0.276	1.00
75-15-0	Carbon disulfide	55.8		0.190	1.00
56-23-5	Carbon tetrachloride	57.7		0.056	1.00
108-90-7	Chlorobenzene	50.8		0.055	1.00
75-00-3	Chloroethane	56.0		0.279	1.00
67-66-3	Chloroform	53.2		0.062	1.00
74-87-3	Chloromethane	52.0		0.076	1.00
124-48-1	Dibromochloromethane	52.3		0.133	1.00
100-41-4	Ethylbenzene	53.0		0.180	1.00
75-09-2	Methylene chloride	53.2		0.102	2.00
100-42-5	Styrene	54.3		0.058	1.00

pp 6/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-MS-1035 (GW58)

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033108
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21103310807
 Level: (low/med) LOW Lab File ID: 2110401/b1197
 % Moisture: not dec.
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Collected: 03/30/11 Time: 1420
 Instrument ID: MSV11 Date Received: 03/31/11
 Soil Extract Volume: _____ (µL) Date Analyzed: 04/01/11 Time: 1225
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: CLH
 CONCENTRATION UNITS: ug/L Prep Batch: _____ Analytical Batch: 453572
 Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	51.5		0.141	1.00
108-88-3	Toluene	52.6		0.078	1.00
79-01-6	Trichloroethene	53.3		0.094	1.00
75-01-4	Vinyl chloride	53.6		0.104	1.00
1330-20-7	Xylene (total)	160		0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	55.0		0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	54.9		0.068	1.00

po 6/11/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-MSD-1035 (GW58)

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033108
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21103310808
 Level: (low/med) LOW Lab File ID: 2110401/b1198
 % Moisture: not dec. Date Collected: 03/30/11 Time: 1425
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/31/11
 Instrument ID: MSV11 Date Analyzed: 04/01/11 Time: 1248
 Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: CLH
 Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 453572
 CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	51.5		0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	54.8		0.112	1.00
79-00-5	1,1,2-Trichloroethane	50.9		0.179	1.00
75-34-3	1,1-Dichloroethane	52.2		0.064	1.00
75-35-4	1,1-Dichloroethene	51.7		0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	46.1		0.138	1.00
106-93-4	1,2-Dibromoethane	51.9		0.169	1.00
95-50-1	1,2-Dichlorobenzene	48.7		0.086	1.00
107-06-2	1,2-Dichloroethane	52.7		0.121	1.00
540-59-0	1,2-Dichloroethene (total)	106		0.169	1.00
78-87-5	1,2-Dichloropropane	49.2		0.114	1.00
541-73-1	1,3-Dichlorobenzene	48.7		0.080	1.00
106-46-7	1,4-Dichlorobenzene	49.9		0.058	1.00
78-93-3	2-Butanone	45.0		0.235	5.00
591-78-6	2-Hexanone	48.0		0.302	5.00
108-10-1	4-Methyl-2-pentanone	55.3		0.142	5.00
67-64-1	Acetone	30.1		0.322	5.00
71-43-2	Benzene	49.7		0.049	1.00
75-27-4	Bromodichloromethane	52.7		0.071	1.00
75-25-2	Bromoform	49.6		0.278	1.00
74-83-9	Bromomethane	47.6		0.276	1.00
75-15-0	Carbon disulfide	52.8		0.190	1.00
56-23-5	Carbon tetrachloride	53.5		0.056	1.00
108-90-7	Chlorobenzene	49.0		0.055	1.00
75-00-3	Chloroethane	52.7		0.279	1.00
67-66-3	Chloroform	51.3		0.062	1.00
74-87-3	Chloromethane	51.8		0.076	1.00
124-48-1	Dibromochloromethane	51.6		0.133	1.00
100-41-4	Ethylbenzene	50.7		0.180	1.00
75-09-2	Methylene chloride	51.9		0.102	2.00
100-42-5	Styrene	52.4		0.058	1.00

PO 04/11/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-MSD-1035 (GW58)

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033108

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21103310808

Level: (low/med) LOW Lab File ID: 2110401/b1198

% Moisture: not dec. _____ Date Collected: 03/30/11 Time: 1425

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/31/11

Instrument ID: MSV11 Date Analyzed: 04/01/11 Time: 1248

Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: CLH

Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 453572

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260 B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	48.7		0.141	1.00
108-88-3	Toluene	49.4		0.078	1.00
79-01-6	Trichloroethene	50.5		0.094	1.00
75-01-4	Vinyl chloride	52.3		0.104	1.00
1330-20-7	Xylene (total)	152		0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	51.2		0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	53.3		0.068	1.00

pp gla/n

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1035

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211033108
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21103310810
 Level: (low/med) LOW Lab File ID: 2110331/c1638
 % Moisture: not dec.
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Collected: 03/30/11 Time: 1700
 Instrument ID: MSV7 Date Received: 03/31/11
 Soil Extract Volume: (µL) Date Analyzed: 03/31/11 Time: 1854
 Soil Aliquot Volume: (µL) Dilution Factor: 1 Analyst: RJU
 CONCENTRATION UNITS: ug/L Prep Batch: _____ Analytical Batch: 453476
 Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.112	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.179	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.064	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.138	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.169	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.086	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.121	1.00
540-59-0	1,2-Dichloroethene (total)	1.00	U	0.169	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.114	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.080	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.058	1.00
78-93-3	2-Butanone	5.00	U	0.235	5.00
591-78-6	2-Hexanone	5.00	U	0.302	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.142	5.00
67-64-1	Acetone	5.00	U	0.322	5.00
71-43-2	Benzene	1.00	U	0.049	1.00
75-27-4	Bromodichloromethane	1.00	U	0.071	1.00
75-25-2	Bromoform	1.00	U	0.278	1.00
74-83-9	Bromomethane	1.00	U	0.276	1.00
75-15-0	Carbon disulfide	1.00	U	0.190	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.056	1.00
108-90-7	Chlorobenzene	1.00	U	0.055	1.00
75-00-3	Chloroethane	1.00	U	0.279	1.00
67-66-3	Chloroform	1.00	U	0.062	1.00
74-87-3	Chloromethane	1.00	U	0.076	1.00
124-48-1	Dibromochloromethane	1.00	U	0.133	1.00
100-41-4	Ethylbenzene	1.00	U	0.180	1.00
75-09-2	Methylene chloride	0.890	J	0.102	2.00
100-42-5	Styrene	1.00	U	0.058	1.00

10/6/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1035

Lab Name: GCAL

Contract: _____

Lab Code: LA024

Case No.: _____

SAS No.: _____

SDG No.: 211033108

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL

Lab Sample ID: 21103310810

Level: (low/med) LOW

Lab File ID: 2110331/c1638

% Moisture: not dec.

Date Collected: 03/30/11 Time: 1700

GC Column: RTX-VMS-30 ID: .25 (mm)

Date Received: 03/31/11

Instrument ID: MSV7

Date Analyzed: 03/31/11 Time: 1854

Soil Extract Volume: _____ (μL)

Dilution Factor: 1 Analyst: RJU

Soil Aliquot Volume: _____ (μL)

Prep Batch: _____ Analytical Batch: 453476

CONCENTRATION UNITS: ug/L

Analytical Method: SW-846 8260 B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1.00	U	0.141	1.00
108-88-3	Toluene	1.00	U	0.078	1.00
79-01-6	Trichloroethene	1.00	U	0.094	1.00
75-01-4	Vinyl chloride	1.00	U	0.104	1.00
1330-20-7	Xylene (total)	1.00	U	0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.068	1.00

no cal/rn

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW07R-1035

Lab Name: GCAL	Contract:		
Lab Code: LA024	Case No.:	SAS No.:	SDG No.: 211040411
Matrix: (soil/water) Water			
Sample wt/vol: 5 (g/ml)	mL	Lab Sample ID: 21104041101	
Level: (low/med) LOW		Lab File ID: 2110404p/f4270	
% Moisture: not dec.		Date Collected: 03/31/11	Time: 0950
GC Column: RTX-VMS-30 ID: .25 (mm)		Date Received: 04/02/11	
Instrument ID: MSV9		Date Analyzed: 04/05/11	Time: 0001
Soil Extract Volume: (µL)		Dilution Factor: 1	Analyst: SLR
Soil Aliquot Volume: (µL)		Prep Batch:	Analytical Batch: 453713
CONCENTRATION UNITS: ug/L			
Analytical Method: SW-846 8260B			

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.112	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.179	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.064	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.138	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.169	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.086	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.121	1.00
540-59-0	1,2-Dichloroethene (total)	1.00	U	0.169	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.114	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.080	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.058	1.00
78-93-3	2-Butanone	5.00	U	0.235	5.00
591-78-6	2-Hexanone	5.00	U	0.302	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.142	5.00
67-64-1	Acetone	5.00	U	0.322	5.00
71-43-2	Benzene	1.00	U	0.049	1.00
75-27-4	Bromodichloromethane	1.00	U	0.071	1.00
75-25-2	Bromoform	1.00	U	0.278	1.00
74-83-9	Bromomethane	1.00	U	0.276	1.00
75-15-0	Carbon disulfide	1.00	U	0.190	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.056	1.00
108-90-7	Chlorobenzene	1.00	U	0.055	1.00
75-00-3	Chloroethane	1.00	U	0.279	1.00
67-66-3	Chloroform	1.00	U	0.062	1.00
74-87-3	Chloromethane	1.00	U	0.076	1.00
124-48-1	Dibromochloromethane	1.00	U	0.133	1.00
100-41-4	Ethylbenzene	1.00	U	0.180	1.00
75-09-2	Methylene chloride	2.00	U	0.102	2.00
100-42-5	Styrene	1.00	U	0.058	1.00

for glah1

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW07R-1035

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211040411

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21104041101

Level: (low/med) LOW Lab File ID: 2110404p/f4270

% Moisture: not dec. Date Collected: 03/31/11 Time: 0950

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 04/02/11

Instrument ID: MSV9 Date Analyzed: 04/05/11 Time: 0001

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: SLR

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 453713

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1.00	U	0.141	1.00
108-88-3	Toluene	1.00	U	0.078	1.00
79-01-6	Trichloroethene	1.00	U	0.094	1.00
75-01-4	Vinyl chloride	1.00	U	0.104	1.00
1330-20-7	Xylene (total)	1.00	U	0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.068	1.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW26-1035

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211040411

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21104041102

Level: (low/med) LOW Lab File ID: 2110404/b1307

% Moisture: not dec. _____ Date Collected: 03/31/11 Time: 1030

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 04/02/11

Instrument ID: MSV11 Date Analyzed: 04/04/11 Time: 1716

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RJJ

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 453706

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260 B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.112	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.179	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.064	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.138	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.169	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.086	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.121	1.00
540-59-0	1,2-Dichloroethene (total)	1.00	U	0.169	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.114	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.080	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.058	1.00
78-93-3	2-Butanone	5.00	U	0.235	5.00
591-78-6	2-Hexanone	5.00	U	0.302	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.142	5.00
67-64-1	Acetone	5.00	U	0.322	5.00
71-43-2	Benzene	1.00	U	0.049	1.00
75-27-4	Bromodichloromethane	1.00	U	0.071	1.00
75-25-2	Bromoform	1.00	U	0.278	1.00
74-83-9	Bromomethane	1.00	U	0.276	1.00
75-15-0	Carbon disulfide	1.00	U	0.190	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.056	1.00
108-90-7	Chlorobenzene	1.00	U	0.055	1.00
75-00-3	Chloroethane	1.00	U	0.279	1.00
67-66-3	Chloroform	1.00	U	0.062	1.00
74-87-3	Chloromethane	1.00	U	0.076	1.00
124-48-1	Dibromochloromethane	1.00	U	0.133	1.00
100-41-4	Ethylbenzene	1.00	U	0.180	1.00
75-09-2	Methylene chloride	2.00	U	0.102	2.00
100-42-5	Styrene	1.00	U	0.058	1.00

PO 6/1/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW26-1035

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211040411
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) ml Lab Sample ID: 21104041102
 Level: (low/med) LOW Lab File ID: 2110404/b1307
 % Moisture: not dec.
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Collected: 03/31/11 Time: 1030
 Instrument ID: MSV11 Date Received: 04/02/11
 Soil Extract Volume: _____ (µL) Date Analyzed: 04/04/11 Time: 1716
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 CONCENTRATION UNITS: ug/L Prep Batch: _____ Analytical Batch: 453706
 Analytical Method: SW-846 8260 B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1.00	U	0.141	1.00
108-88-3	Toluene	1.00	U	0.078	1.00
79-01-6	Trichloroethene	1.00	U	0.094	1.00
75-01-4	Vinyl chloride	1.00	U	0.104	1.00
1330-20-7	Xylene (total)	1.00	U	0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.068	1.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB2-1035

Lab Name: GCAL	Contract:		
Lab Code: LA024	Case No.:	SAS No.:	SDG No.: 211040411
Matrix: (soil/water) Water			
Sample wt/vol: 5 (g/ml) mL		Lab Sample ID: 21104041103	
Level: (low/med) LOW		Lab File ID: 2110404/b1306	
% Moisture: not dec.		Date Collected: 03/31/11	Time: 1310
GC Column: RTX-VMS-30	ID: .25 (mm)	Date Received: 04/02/11	
Instrument ID: MSV11		Date Analyzed: 04/04/11	Time: 1654
Soil Extract Volume: (μL)		Dilution Factor: 1	Analyst: RJJ
Soil Aliquot Volume: (μL)		Prep Batch:	Analytical Batch: 453706
CONCENTRATION UNITS: ug/L		Analytical Method: SW-846 8260 B	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.112	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.179	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.064	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.138	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.169	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.086	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.121	1.00
540-59-0	1,2-Dichloroethene (total)	1.00	U	0.169	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.114	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.080	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.058	1.00
78-93-3	2-Butanone	5.00	U	0.235	5.00
591-78-6	2-Hexanone	5.00	U	0.302	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.142	5.00
67-64-1	Acetone	5.00	U	0.322	5.00
71-43-2	Benzene	1.00	U	0.049	1.00
75-27-4	Bromodichloromethane	1.00	U	0.071	1.00
75-25-2	Bromoform	1.00	U	0.278	1.00
74-83-9	Bromomethane	1.00	U	0.276	1.00
75-15-0	Carbon disulfide	1.00	U	0.190	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.056	1.00
108-90-7	Chlorobenzene	1.00	U	0.055	1.00
75-00-3	Chloroethane	1.00	U	0.279	1.00
67-66-3	Chloroform	1.00	U	0.062	1.00
74-87-3	Chloromethane	1.00	U	0.076	1.00
124-48-1	Dibromochloromethane	1.00	U	0.133	1.00
100-41-4	Ethylbenzene	1.00	U	0.180	1.00
75-09-2	Methylene chloride	2.00	U	0.102	2.00
100-42-5	Styrene	1.00	U	0.058	1.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB2-1035

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211040411

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21104041103

Level: (low/med) LOW Lab File ID: 2110404/b1306

% Moisture: not dec. Date Collected: 03/31/11 Time: 1310

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 04/02/11

Instrument ID: MSV11 Date Analyzed: 04/04/11 Time: 1654

Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU

Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 453706

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260 B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1.00	U	0.141	1.00
108-88-3	Toluene	1.00	U	0.078	1.00
79-01-6	Trichloroethene	1.00	U	0.094	1.00
75-01-4	Vinyl chloride	1.00	U	0.104	1.00
1330-20-7	Xylene (total)	1.00	U	0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.068	1.00

po 6/1/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW50-1035

Lab Name: GCAL

Contract:

Lab Code: LA024

Case No.:

SAS No.:

SDG No.: 211040412

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL

Lab Sample ID: 21104041201

Level: (low/med) LOW

Lab File ID: 2110406/b1395

% Moisture: not dec.

Date Collected: 03/31/11 Time: 1215

GC Column: RTX-VMS-30 ID: .25 (mm)

Date Received: 04/02/11

Instrument ID: MSV11

Date Analyzed: 04/06/11 Time: 1346

Soil Extract Volume:

(µL)

Dilution Factor: 1 Analyst: CLH

Soil Aliquot Volume:

(µL)

Prep Batch: Analytical Batch: 453803

CONCENTRATION UNITS: ug/L

Analytical Method: SW-846 8260B

CAS NO. COMPOUND

RESULT

Q

MDL

RL

71-55-6	1,1,1-Trichloroethane	1.00	U	0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.112	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.179	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.064	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.138	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.169	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.086	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.121	1.00
540-59-0	1,2-Dichloroethene (total)	1.00	U	0.169	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.114	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.080	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.058	1.00
78-93-3	2-Butanone	5.00	U	0.235	5.00
591-78-6	2-Hexanone	5.00	U	0.302	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.142	5.00
67-64-1	Acetone	5.00	U	0.322	5.00
71-43-2	Benzene	1.00	U	0.049	1.00
75-27-4	Bromodichloromethane	1.00	U	0.071	1.00
75-25-2	Bromoform	1.00	U	0.278	1.00
74-83-9	Bromomethane	1.00	U	0.276	1.00
75-15-0	Carbon disulfide	1.00	U	0.190	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.056	1.00
108-90-7	Chlorobenzene	1.00	U	0.055	1.00
75-00-3	Chloroethane	1.00	U	0.279	1.00
67-66-3	Chloroform	1.00	U	0.062	1.00
74-87-3	Chloromethane	1.00	U	0.076	1.00
124-48-1	Dibromochloromethane	1.00	U	0.133	1.00
100-41-4	Ethylbenzene	1.00	U	0.180	1.00
75-09-2	Methylene chloride	2.00	U	0.102	2.00
100-42-5	Styrene	1.00	U	0.058	1.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW50-1035

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211040412

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21104041201

Level: (low/med) LOW Lab File ID: 2110406/b1395

% Moisture: not dec.

GC Column: RTX-VMS-30 ID: .25 (mm) Date Collected: 03/31/11 Time: 1215

Instrument ID: MSV11 Date Received: 04/02/11

Soil Extract Volume: _____ (µL) Date Analyzed: 04/06/11 Time: 1346

Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: CLH

CONCENTRATION UNITS: ug/L Prep Batch: _____ Analytical Batch: 453803

Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1.00	U	0.141	1.00
108-88-3	Toluene	1.00	U	0.078	1.00
79-01-6	Trichloroethene	1.00	U	0.094	1.00
75-01-4	Vinyl chloride	1.00	U	0.104	1.00
1330-20-7	Xylene (total)	1.00	U	0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.068	1.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-MS-1035 (SW50)

Lab Name: GCAL	Contract:		
Lab Code: LA024	Case No.:	SAS No.:	SDG No.: 211040412
Matrix: (soil/water) Water			
Sample wt/vol: 5 (g/ml) mL		Lab Sample ID: 21104041202	
Level: (low/med) LOW		Lab File ID: 2110406/b1396	
% Moisture: not dec.		Date Collected: 03/31/11	Time: 1220
GC Column: RTX-VMS-30 ID: .25 (mm)		Date Received: 04/02/11	
Instrument ID: MSV11		Date Analyzed: 04/06/11	Time: 1408
Soil Extract Volume: (µL)		Dilution Factor: 1	Analyst: CLH
Soil Aliquot Volume: (µL)		Prep Batch:	Analytical Batch: 453803
CONCENTRATION UNITS: ug/L		Analytical Method: SW-846 8260 B	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	56.9		0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	44.5		0.112	1.00
79-00-5	1,1,2-Trichloroethane	45.7		0.179	1.00
75-34-3	1,1-Dichloroethane	52.8		0.064	1.00
75-35-4	1,1-Dichloroethene	53.9		0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	47.0		0.138	1.00
106-93-4	1,2-Dibromoethane	45.1		0.169	1.00
95-50-1	1,2-Dichlorobenzene	47.2		0.086	1.00
107-06-2	1,2-Dichloroethane	52.8		0.121	1.00
540-59-0	1,2-Dichloroethene (total)	102		0.169	1.00
78-87-5	1,2-Dichloropropane	50.7		0.114	1.00
541-73-1	1,3-Dichlorobenzene	46.8		0.080	1.00
106-46-7	1,4-Dichlorobenzene	46.8		0.058	1.00
78-93-3	2-Butanone	42.5		0.235	5.00
591-78-6	2-Hexanone	42.0		0.302	5.00
108-10-1	4-Methyl-2-pentanone	46.5		0.142	5.00
67-64-1	Acetone	36.5		0.322	5.00
71-43-2	Benzene	51.3		0.049	1.00
75-27-4	Bromodichloromethane	53.1		0.071	1.00
75-25-2	Bromoform	48.3		0.278	1.00
74-83-9	Bromomethane	38.4		0.276	1.00
75-15-0	Carbon disulfide	49.4		0.190	1.00
56-23-5	Carbon tetrachloride	57.1		0.056	1.00
108-90-7	Chlorobenzene	45.2		0.055	1.00
75-00-3	Chloroethane	50.9		0.279	1.00
67-66-3	Chloroform	52.9		0.062	1.00
74-87-3	Chloromethane	49.1		0.076	1.00
124-48-1	Dibromochloromethane	48.5		0.133	1.00
100-41-4	Ethylbenzene	49.6		0.180	1.00
75-09-2	Methylene chloride	49.3		0.102	2.00
100-42-5	Styrene	49.4		0.058	1.00

FORM 1 VOA

10/6/11

211040412 7

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-MS-1035 (SW50)

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211040412
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21104041202
 Level: (low/med) LOW Lab File ID: 2110406/b1396
 % Moisture: not dec.
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Collected: 03/31/11 Time: 1220
 Instrument ID: MSV11 Date Received: 04/02/11
 Soil Extract Volume: _____ (µL) Date Analyzed: 04/06/11 Time: 1408 Dilution Factor: 1 Analyst: CLH
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 453803
 CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	49.2		0.141	1.00
108-88-3	Toluene	47.5		0.078	1.00
79-01-6	Trichloroethene	50.1		0.094	1.00
75-01-4	Vinyl chloride	52.2		0.104	1.00
1330-20-7	Xylene (total)	147		0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	51.7		0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	50.4		0.068	1.00

FORM I VOA

211040412 8

PO 6/9/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-MSD-1035 (SW50)

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211040412

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21104041203

Level: (low/med) LOW Lab File ID: 2110406/b1397

% Moisture: not dec. Date Collected: 03/31/11 Time: 1425

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 04/02/11

Instrument ID: MSV11 Date Analyzed: 04/06/11 Time: 1430

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: CLH

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 453803

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	59.6		0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	50.1		0.112	1.00
79-00-5	1,1,2-Trichloroethane	50.1		0.179	1.00
75-34-3	1,1-Dichloroethane	55.9		0.064	1.00
75-35-4	1,1-Dichloroethene	56.6		0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	50.6		0.138	1.00
106-93-4	1,2-Dibromoethane	48.8		0.169	1.00
95-50-1	1,2-Dichlorobenzene	50.9		0.086	1.00
107-06-2	1,2-Dichloroethane	57.6		0.121	1.00
540-59-0	1,2-Dichloroethene (total)	107		0.169	1.00
78-87-5	1,2-Dichloropropane	52.9		0.114	1.00
541-73-1	1,3-Dichlorobenzene	51.0		0.080	1.00
106-46-7	1,4-Dichlorobenzene	50.3		0.058	1.00
78-93-3	2-Butanone	45.6		0.235	5.00
591-78-6	2-Hexanone	46.7		0.302	5.00
108-10-1	4-Methyl-2-pentanone	52.7		0.142	5.00
67-64-1	Acetone	43.1		0.322	5.00
71-43-2	Benzene	54.6		0.049	1.00
75-27-4	Bromodichloromethane	58.1		0.071	1.00
75-25-2	Bromoform	53.5		0.278	1.00
74-83-9	Bromomethane	43.6		0.276	1.00
75-15-0	Carbon disulfide	52.7		0.190	1.00
56-23-5	Carbon tetrachloride	61.3		0.056	1.00
108-90-7	Chlorobenzene	47.5		0.055	1.00
75-00-3	Chloroethane	55.8		0.279	1.00
67-66-3	Chloroform	56.4		0.062	1.00
74-87-3	Chloromethane	54.0		0.076	1.00
124-48-1	Dibromochloromethane	51.7		0.133	1.00
100-41-4	Ethylbenzene	51.4		0.180	1.00
75-09-2	Methylene chloride	51.3		0.102	2.00
100-42-5	Styrene	52.1		0.058	1.00

FORM I VOA

211040412 9

PO 6/9/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-MSD-1035 (SW50)

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211040412
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21104041203
 Level: (low/med) LOW Lab File ID: 2110406/b1397
 % Moisture: not dec.
 GC Column: RTX-VMS-30 ID: .25 (mm)
 Instrument ID: MSV11 Date Collected: 03/31/11 Time: 1425
 Date Received: 04/02/11
 Date Analyzed: 04/06/11 Time: 1430
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: CLH
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 453803
 CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	51.3		0.141	1.00
108-88-3	Toluene	49.8		0.078	1.00
79-01-6	Trichloroethene	53.3		0.094	1.00
75-01-4	Vinyl chloride	55.9		0.104	1.00
1330-20-7	Xylene (total)	153		0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	54.3		0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	55.3		0.068	1.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB1-1035

Lab Name: GCAL	Contract:		
Lab Code: LA024	Case No.:	SAS No.:	SDG No.: 211040412
Matrix: (soil/water) Water			
Sample wt/vol: 5 (g/ml)	ml	Lab Sample ID: 21104041205	
Level: (low/med) LOW		Lab File ID: 2110404p/f4271	
% Moisture: not dec.		Date Collected: 03/31/11	Time: 1250
GC Column: RTX-VMS-30	ID: .25 (mm)	Date Received: 04/02/11	
Instrument ID: MSV9		Date Analyzed: 04/05/11 Time: 0023	
Soil Extract Volume:	(µL)	Dilution Factor: 1	Analyst: SLR
Soil Aliquot Volume:	(µL)	Prep Batch:	Analytical Batch: 453713
CONCENTRATION UNITS: ug/L			
Analytical Method: SW-846 8260 B			

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.112	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.179	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.064	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.138	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.169	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.086	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.121	1.00
540-59-0	1,2-Dichloroethene (total)	1.00	U	0.169	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.114	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.080	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.058	1.00
78-93-3	2-Butanone	5.00	U	0.235	5.00
591-78-6	2-Hexanone	5.00	U	0.302	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.142	5.00
67-64-1	Acetone	5.00	U	0.322	5.00
71-43-2	Benzene	1.00	U	0.049	1.00
75-27-4	Bromodichloromethane	1.00	U	0.071	1.00
75-25-2	Bromoform	1.00	U	0.278	1.00
74-83-9	Bromomethane	1.00	U	0.276	1.00
75-15-0	Carbon disulfide	1.00	U	0.190	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.056	1.00
108-90-7	Chlorobenzene	1.00	U	0.055	1.00
75-00-3	Chloroethane	1.00	U	0.279	1.00
67-66-3	Chloroform	1.00	U	0.062	1.00
74-87-3	Chloromethane	1.00	U	0.076	1.00
124-48-1	Dibromochloromethane	1.00	U	0.133	1.00
100-41-4	Ethylbenzene	1.00	U	0.180	1.00
75-09-2	Methylene chloride	2.00	U	0.102	2.00
100-42-5	Styrene	1.00	U	0.058	1.00

po 6/9/11

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB1-1035

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211040412

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) ml Lab Sample ID: 21104041205

Level: (low/med) LOW Lab File ID: 2110404p/f4271

% Moisture: not dec.

GC Column: RTX-VMS-30 ID: .25 (mm) Date Collected: 03/31/11 Time: 1250

Instrument ID: MSV9 Date Received: 04/02/11

Soil Extract Volume: _____ (µL) Date Analyzed: 04/05/11 Time: 0023

Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: SLR

CONCENTRATION UNITS: ug/L Prep Batch: _____ Analytical Batch: 453713

Analytical Method: SW-846 8260B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1.00	U	0.141	1.00
108-88-3	Toluene	1.00	U	0.078	1.00
79-01-6	Trichloroethene	1.00	U	0.094	1.00
75-01-4	Vinyl chloride	1.00	U	0.104	1.00
1330-20-7	Xylene (total)	1.00	U	0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.068	1.00

FORM 1 VOA

211040412 12

po 6/4/14

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB3-1035

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 211040412

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21104041206

Level: (low/med) LOW Lab File ID: 2110404p/f4272

% Moisture: not dec. Date Collected: 03/31/11 Time: 1315

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 04/02/11

Instrument ID: MSV9 Date Analyzed: 04/05/11 Time: 0045

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: SLR

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 453713

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260 B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.078	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.112	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.179	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.064	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.183	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.138	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.169	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.086	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.121	1.00
540-59-0	1,2-Dichloroethene (total)	1.00	U	0.169	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.114	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.080	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.058	1.00
78-93-3	2-Butanone	5.00	U	0.235	5.00
591-78-6	2-Hexanone	5.00	U	0.302	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.142	5.00
67-64-1	Acetone	5.00	U	0.322	5.00
71-43-2	Benzene	1.00	U	0.049	1.00
75-27-4	Bromodichloromethane	1.00	U	0.071	1.00
75-25-2	Bromoform	1.00	U	0.278	1.00
74-83-9	Bromomethane	1.00	U	0.276	1.00
75-15-0	Carbon disulfide	1.00	U	0.190	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.056	1.00
108-90-7	Chlorobenzene	1.00	U	0.055	1.00
75-00-3	Chloroethane	1.00	U	0.279	1.00
67-66-3	Chloroform	1.00	U	0.062	1.00
74-87-3	Chloromethane	1.00	U	0.076	1.00
124-48-1	Dibromochloromethane	1.00	U	0.133	1.00
100-41-4	Ethylbenzene	1.00	U	0.180	1.00
75-09-2	Methylene chloride	1.67	J	0.102	2.00
100-42-5	Styrene	1.00	U	0.058	1.00

po 6/1/16

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB3-1035

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 211040412

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21104041206

Level: (low/med) LOW Lab File ID: 2110404p/f4272

% Moisture: not dec.

GC Column: RTX-VMS-30 ID: .25 (mm) Date Collected: 03/31/11 Time: 1315

Instrument ID: MSV9 Date Received: 04/02/11

Soil Extract Volume: _____ (µL) Date Analyzed: 04/05/11 Time: 0045

Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: SLR

CONCENTRATION UNITS: ug/L Prep Batch: _____ Analytical Batch: 453713

Analytical Method: SW-846 8260 B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1.00	U	0.141	1.00
108-88-3	Toluene	1.00	U	0.078	1.00
79-01-6	Trichloroethene	1.00	U	0.094	1.00
75-01-4	Vinyl chloride	1.00	U	0.104	1.00
1330-20-7	Xylene (total)	1.00	U	0.123	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.105	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.068	1.00

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-SW52-1035</u>
Lab Code: <u>LA024</u>	Case No.: _____
SAS No.: _____	SDG No.: <u>211033023</u>
Matrix: <u>Water</u>	Contract: _____
Sample wt/vol: <u>990</u>	Units: <u>mL</u>
Level: (low/med) <u>LOW</u>	Lab File ID: <u>2110331/b2030</u>
% Moisture: _____	Lab Sample ID: <u>21103302301</u>
GC Column: <u>RTX-5MS-30</u>	Date Collected: <u>03/29/11</u> Time: <u>1245</u>
Concentrated Extract Volume: <u>1000</u> (<u>µL</u>)	Date Received: <u>03/30/11</u>
Injection Volume: <u>1.0</u> (<u>µL</u>)	Date Extracted: <u>03/31/11</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Date Analyzed: <u>03/31/11</u> Time: <u>1849</u>
CONCENTRATION UNITS: <u>ug/L</u>	
Dilution Factor: <u>1</u>	Analyst: <u>JEW</u>
Prep Method: <u>3510C</u>	Analytical Method: <u>SW-846 8270C</u>
Instrument ID: <u>MSSV6</u>	Prep Batch: <u>453427</u> Analytical Batch: <u>453527</u>

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.1	U	0.320	10.1
88-06-2	2,4,6-Trichlorophenol	10.1	U	0.278	10.1
120-83-2	2,4-Dichlorophenol	10.1	U	0.219	10.1
105-67-9	2,4-Dimethylphenol	10.1	U	0.701	10.1
51-28-5	2,4-Dinitrophenol	25.3	U	2.63	25.3
121-14-2	2,4-Dinitrotoluene	10.1	U	0.266	10.1
606-20-2	2,6-Dinitrotoluene	10.1	U	0.356	10.1
91-58-7	2-Chloronaphthalene	10.1	U	0.223	10.1
95-57-8	2-Chlorophenol	10.1	U	0.279	10.1
91-57-6	2-Methylnaphthalene	10.1	U	0.258	10.1
88-74-4	2-Nitroaniline	25.3	U	0.200	25.3
88-75-5	2-Nitrophenol	10.1	U	0.361	10.1
91-94-1	3,3'-Dichlorobenzidine	10.1	U	0.300	10.1
99-09-2	3-Nitroaniline	25.3	U	0.228	25.3
534-52-1	2-Methyl-4,6-dinitrophenol	25.3	U	2.00	25.3
101-55-3	4-Bromophenyl-phenylether	10.1	U	0.340	10.1
59-50-7	4-Chloro-3-methylphenol	10.1	U	0.236	10.1
106-47-8	4-Chloroaniline	10.1	U	0.468	10.1
7005-72-3	4-Chlorophenyl-phenylether	10.1	U	0.271	10.1
100-01-6	4-Nitroaniline	25.3	U	0.223	25.3
100-02-7	4-Nitrophenol	25.3	U	1.85	25.3
83-32-9	Acenaphthene	10.1	U	0.271	10.1
208-96-8	Acenaphthylene	10.1	U	0.306	10.1
120-12-7	Anthracene	10.1	U	0.319	10.1
56-55-3	Benzo(a)anthracene	10.1	U	0.319	10.1
50-32-8	Benzo(a)pyrene	10.1	U	0.126	10.1
205-99-2	Benzo(b)fluoranthene	10.1	U	0.219	10.1
191-24-2	Benzo(g,h,i)perylene	10.1	U	0.217	10.1
207-08-9	Benzo(k)fluoranthene	10.1	U	0.238	10.1

PO 619/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-SW52-1035
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 211033023 Lab File ID: 2110331/b2030
 Matrix: Water Lab Sample ID: 21103302301
 Sample wt/vol: 990 Units: mL Date Collected: 03/29/11 Time: 1245
 Level: (low/med) LOW Date Received: 03/30/11
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/31/11
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/31/11 Time: 1849
 Concentrated Extract Volume: 1000 (μL) Dilution Factor: 1 Analyst: JEW
 Injection Volume: 1.0 (μL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270C
 CONCENTRATION UNITS: $\mu\text{g/L}$ Instrument ID: MSSV6
 Prep Batch: 453427 Analytical Batch: 453527

CAS NO. COMPOUND

		RESULT	Q	MDL	RL
111-91-1	Bis(2-Chloroethoxy)methane	10.1	U	0.293	10.1
111-44-4	Bis(2-Chloroethyl)ether	10.1	U	0.291	10.1
108-60-1	bis(2-Chloroisopropyl)ether	10.1	U	0.260	10.1
117-81-7	bis(2-ethylhexyl)phthalate	10.1	U	0.193	10.1
85-68-7	Butylbenzylphthalate	10.1	U	0.167	10.1
86-74-8	Carbazole	10.1	U	0.234	10.1
218-01-9	Chrysene	10.1	U	0.437	10.1
84-74-2	Di-n-butylphthalate	10.1	U	0.191	10.1
117-84-0	Di-n-octylphthalate	10.1	U	0.169	10.1
53-70-3	Dibenz(a,h)anthracene	10.1	U	0.219	10.1
132-64-9	Dibenzofuran	10.1	U	0.229	10.1
84-66-2	Diethylphthalate	10.1	U	0.306	10.1
131-11-3	Dimethyl-phthalate	10.1	U	0.258	10.1
206-44-0	Fluoranthene	10.1	U	0.270	10.1
86-73-7	Fluorene	10.1	U	0.291	10.1
118-74-1	Hexachlorobenzene	10.1	U	0.252	10.1
87-68-3	Hexachlorobutadiene	10.1	U	0.194	10.1
77-47-4	Hexachlorocyclopentadiene	10.1	U	0.176	10.1
67-72-1	Hexachloroethane	10.1	U	0.302	10.1
193-39-5	Indeno(1,2,3-cd)pyrene	10.1	U	0.159	10.1
78-59-1	Isophorone	10.1	U	0.384	10.1
91-20-3	Naphthalene	10.1	U	0.296	10.1
98-95-3	Nitrobenzene	10.1	U	0.332	10.1
87-86-5	Pentachlorophenol	25.3	U	0.170	25.3
85-01-8	Phenanthrene	10.1	U	0.307	10.1
108-95-2	Phenol	10.1	U	0.152	10.1
129-00-0	Pyrene	10.1	U	0.491	10.1
1319-77-3M	m,p-Cresol	10.1	U	0.356	10.1
621-64-7	N-Nitroso-di-n-propylamine	10.1	U	0.307	10.1

PP 6/9/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-SW52-1035</u>				
Lab Code: <u>LA024</u>	Case No.: _____				
SAS No.: _____	SDG No.: <u>211033023</u>				
Matrix: <u>Water</u>	Contract: _____				
Sample wt/vol: <u>990</u>	Units: <u>mL</u>				
Level: (low/med) <u>LOW</u>	Lab File ID: <u>2110331/b2030</u>				
% Moisture: _____	Lab Sample ID: <u>21103302301</u>				
decanted: (Y/N) _____	Date Collected: <u>03/29/11</u> Time: <u>1245</u>				
GC Column: <u>RTX-5MS-30</u>	Date Received: <u>03/30/11</u>				
ID: <u>.25</u> (mm)	Date Extracted: <u>03/31/11</u>				
Concentrated Extract Volume: <u>1000</u> (µL)	Date Analyzed: <u>03/31/11</u> Time: <u>1849</u>				
Injection Volume: <u>1.0</u> (µL)	Dilution Factor: <u>1</u> Analyst: <u>JEW</u>				
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Prep Method: <u>3510C</u>				
CONCENTRATION UNITS: ug/L					
CAS NO. COMPOUND		RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.1	U	0.368	10.1
95-48-7	o-Cresol	10.1	U	0.332	10.1

FORM I SV-1

211033023 53

PC 6/9/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-FD-1035 (SW52)</u>				
Lab Code: <u>LA024</u>	Case No.: _____				
SAS No.: _____	SDG No.: <u>211033023</u>				
Matrix: <u>Water</u>	Lab File ID: <u>2110331/b2031</u>				
Sample wt/vol: <u>990</u>	Units: <u>mL</u>				
Level: (low/med) <u>LOW</u>	Lab Sample ID: <u>21103302302</u>				
% Moisture: _____	decanted: (Y/N) _____				
GC Column: <u>RTX-5MS-30</u>	ID: <u>.25</u> (mm)				
Concentrated Extract Volume: <u>1000</u> (<u>µL</u>)	Date Collected: <u>03/29/11</u> Time: <u>1250</u>				
Injection Volume: <u>1.0</u> (<u>µL</u>)	Date Received: <u>03/30/11</u>				
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Date Extracted: <u>03/31/11</u>				
CONCENTRATION UNITS: <u>ug/L</u>	Date Analyzed: <u>03/31/11</u> Time: <u>1904</u>				
CAS NO.	COMPOUND	RESULT	Q	MDL	RL

<u>95-95-4</u>	<u>2,4,5-Trichlorophenol</u>	<u>10.1</u>	<u>U</u>	<u>0.320</u>	<u>10.1</u>
<u>88-06-2</u>	<u>2,4,6-Trichlorophenol</u>	<u>10.1</u>	<u>U</u>	<u>0.278</u>	<u>10.1</u>
<u>120-83-2</u>	<u>2,4-Dichlorophenol</u>	<u>10.1</u>	<u>U</u>	<u>0.219</u>	<u>10.1</u>
<u>105-67-9</u>	<u>2,4-Dimethylphenol</u>	<u>10.1</u>	<u>U</u>	<u>0.701</u>	<u>10.1</u>
<u>51-28-5</u>	<u>2,4-Dinitrophenol</u>	<u>25.3</u>	<u>U</u>	<u>2.63</u>	<u>25.3</u>
<u>121-14-2</u>	<u>2,4-Dinitrotoluene</u>	<u>10.1</u>	<u>U</u>	<u>0.266</u>	<u>10.1</u>
<u>606-20-2</u>	<u>2,6-Dinitrotoluene</u>	<u>10.1</u>	<u>U</u>	<u>0.356</u>	<u>10.1</u>
<u>91-58-7</u>	<u>2-Chloronaphthalene</u>	<u>10.1</u>	<u>U</u>	<u>0.223</u>	<u>10.1</u>
<u>95-57-8</u>	<u>2-Chlorophenol</u>	<u>10.1</u>	<u>U</u>	<u>0.279</u>	<u>10.1</u>
<u>91-57-6</u>	<u>2-Methylnaphthalene</u>	<u>10.1</u>	<u>U</u>	<u>0.258</u>	<u>10.1</u>
<u>88-74-4</u>	<u>2-Nitroaniline</u>	<u>25.3</u>	<u>U</u>	<u>0.200</u>	<u>25.3</u>
<u>88-75-5</u>	<u>2-Nitrophenol</u>	<u>10.1</u>	<u>U</u>	<u>0.361</u>	<u>10.1</u>
<u>91-94-1</u>	<u>3,3'-Dichlorobenzidine</u>	<u>10.1</u>	<u>U</u>	<u>0.300</u>	<u>10.1</u>
<u>99-09-2</u>	<u>3-Nitroaniline</u>	<u>25.3</u>	<u>U</u>	<u>0.228</u>	<u>25.3</u>
<u>534-52-1</u>	<u>2-Methyl-4,6-dinitrophenol</u>	<u>25.3</u>	<u>U</u>	<u>2.00</u>	<u>25.3</u>
<u>101-55-3</u>	<u>4-Bromophenyl-phenylether</u>	<u>10.1</u>	<u>U</u>	<u>0.340</u>	<u>10.1</u>
<u>59-50-7</u>	<u>4-Chloro-3-methylphenol</u>	<u>10.1</u>	<u>U</u>	<u>0.236</u>	<u>10.1</u>
<u>106-47-8</u>	<u>4-Chloroaniline</u>	<u>10.1</u>	<u>U</u>	<u>0.468</u>	<u>10.1</u>
<u>7005-72-3</u>	<u>4-Chlorophenyl-phenylether</u>	<u>10.1</u>	<u>U</u>	<u>0.271</u>	<u>10.1</u>
<u>100-01-6</u>	<u>4-Nitroaniline</u>	<u>25.3</u>	<u>U</u>	<u>0.223</u>	<u>25.3</u>
<u>100-02-7</u>	<u>4-Nitrophenol</u>	<u>25.3</u>	<u>U</u>	<u>1.85</u>	<u>25.3</u>
<u>83-32-9</u>	<u>Acenaphthene</u>	<u>10.1</u>	<u>U</u>	<u>0.271</u>	<u>10.1</u>
<u>208-96-8</u>	<u>Acenaphthylene</u>	<u>10.1</u>	<u>U</u>	<u>0.306</u>	<u>10.1</u>
<u>120-12-7</u>	<u>Anthracene</u>	<u>10.1</u>	<u>U</u>	<u>0.319</u>	<u>10.1</u>
<u>56-55-3</u>	<u>Benzo(a)anthracene</u>	<u>10.1</u>	<u>U</u>	<u>0.319</u>	<u>10.1</u>
<u>50-32-8</u>	<u>Benzo(a)pyrene</u>	<u>10.1</u>	<u>U</u>	<u>0.126</u>	<u>10.1</u>
<u>205-99-2</u>	<u>Benzo(b)fluoranthene</u>	<u>10.1</u>	<u>U</u>	<u>0.219</u>	<u>10.1</u>
<u>191-24-2</u>	<u>Benzo(g,h,i)perylene</u>	<u>10.1</u>	<u>U</u>	<u>0.217</u>	<u>10.1</u>
<u>207-08-9</u>	<u>Benzo(k)fluoranthene</u>	<u>10.1</u>	<u>U</u>	<u>0.238</u>	<u>10.1</u>

pp 6/9/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-FD-1035 (SW52)</u>
Lab Code: <u>LA024</u>	Case No.: _____
SAS No.: _____	SDG No.: <u>211033023</u>
Matrix: <u>Water</u>	Lab Sample ID: <u>21103302302</u>
Sample wt/vol: <u>990</u> Units: <u>mL</u>	Date Collected: <u>03/29/11</u> Time: <u>1250</u>
Level: (low/med) <u>LOW</u>	Date Received: <u>03/30/11</u>
% Moisture: _____ decanted: (Y/N) _____	Date Extracted: <u>03/31/11</u>
GC Column: <u>RTX-5MS-30</u> ID: <u>.25</u> (mm)	Date Analyzed: <u>03/31/11</u> Time: <u>1904</u>
Concentrated Extract Volume: <u>1000</u> (µL)	Dilution Factor: <u>1</u> Analyst: <u>JEW</u>
Injection Volume: <u>1.0</u> (µL)	Prep Method: <u>3510C</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Analytical Method: <u>SW-846 8270 C</u>

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
111-91-1	Bis(2-Chloroethoxy)methane	10.1	U	0.293	10.1
111-44-4	Bis(2-Chloroethyl)ether	10.1	U	0.291	10.1
108-60-1	bis(2-Chloroisopropyl)ether	10.1	U	0.260	10.1
117-81-7	bis(2-ethylhexyl)phthalate	10.1	U	0.193	10.1
85-68-7	Butylbenzylphthalate	10.1	U	0.167	10.1
86-74-8	Carbazole	10.1	U	0.234	10.1
218-01-9	Chrysene	10.1	U	0.437	10.1
84-74-2	Di-n-butylphthalate	10.1	U	0.191	10.1
117-84-0	Di-n-octylphthalate	10.1	U	0.169	10.1
53-70-3	Dibenz(a,h)anthracene	10.1	U	0.219	10.1
132-64-9	Dibenzofuran	10.1	U	0.229	10.1
84-66-2	Diethylphthalate	10.1	U	0.306	10.1
131-11-3	Dimethyl-phthalate	10.1	U	0.258	10.1
206-44-0	Fluoranthene	10.1	U	0.270	10.1
86-73-7	Fluorene	10.1	U	0.291	10.1
118-74-1	Hexachlorobenzene	10.1	U	0.252	10.1
87-68-3	Hexachlorobutadiene	10.1	U	0.194	10.1
77-47-4	Hexachlorocyclopentadiene	10.1	U	0.176	10.1
67-72-1	Hexachloroethane	10.1	U	0.302	10.1
193-39-5	Indeno(1,2,3-cd)pyrene	10.1	U	0.159	10.1
78-59-1	Isophorone	10.1	U	0.384	10.1
91-20-3	Naphthalene	10.1	U	0.296	10.1
98-95-3	Nitrobenzene	10.1	U	0.332	10.1
87-86-5	Pentachlorophenol	25.3	U	0.170	25.3
85-01-8	Phenanthrene	10.1	U	0.307	10.1
108-95-2	Phenol	10.1	U	0.152	10.1
129-00-0	Pyrene	10.1	U	0.491	10.1
1319-77-3M	m,p-Cresol	10.1	U	0.356	10.1
621-64-7	N-Nitroso-di-n-propylamine	10.1	U	0.307	10.1

6/19/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-FD-1035 (SW52)</u>				
Lab Code: <u>LA024</u>	Contract: _____				
SAS No.: _____	SDG No.: <u>211033023</u>				
Matrix: <u>Water</u>	Lab File ID: <u>2110331/b2031</u>				
Sample wt/vol: <u>990</u>	Lab Sample ID: <u>21103302302</u>				
Units: <u>mL</u>	Date Collected: <u>03/29/11</u> Time: <u>1250</u>				
Level: (low/med) <u>LOW</u>	Date Received: <u>03/30/11</u>				
% Moisture: _____	Date Extracted: <u>03/31/11</u>				
GC Column: <u>RTX-5MS-30</u>	Date Analyzed: <u>03/31/11</u> Time: <u>1904</u>				
ID: <u>.25</u> (mm)	Dilution Factor: <u>1</u> Analyst: <u>JEW</u>				
Concentrated Extract Volume: <u>1000</u> (µL)	Prep Method: <u>3510C</u>				
Injection Volume: <u>1.0</u> (µL)	Analytical Method: <u>SW-846 8270 C</u>				
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Instrument ID: <u>MSSV6</u>				
CONCENTRATION UNITS: ug/L					
CAS NO. COMPOUND					
RESULT	Q	MDL	RL		
86-30-6	N-Nitrosodiphenylamine	10.1	U	0.368	10.1
95-48-7	o-Cresol	10.1	U	0.332	10.1

pp 6/9/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-GW07R-1035
Lab Code: LA024	Contract:
SAS No.: _____	SDG No.: 211040411
Matrix: Water	Lab File ID: 2110405/b2179
Sample wt/vol: 980	Units: mL
Level: (low/med) LOW	Date Collected: 03/31/11 Time: 0950
% Moisture: decanted: (Y/N)	Date Received: 04/02/11
GC Column: RTX-5MS-30	Date Extracted: 04/05/11
Concentrated Extract Volume: 1000	Date Analyzed: 04/05/11 Time: 1722
Injection Volume: 1.0	Dilution Factor: 1 Analyst: JEW
GPC Cleanup: (Y/N) N pH: _____	Prep Method: 3510C
CONCENTRATION UNITS: ug/L	Analytical Method: SW-846 8270C
CAS NO. COMPOUND	Instrument ID: MSSV6
	Prep Batch: 453738 Analytical Batch: 453741

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.2	U	0.323	10.2
88-06-2	2,4,6-Trichlorophenol	10.2	U	0.281	10.2
120-83-2	2,4-Dichlorophenol	10.2	U	0.221	10.2
105-67-9	2,4-Dimethylphenol	10.2	U	0.708	10.2
51-28-5	2,4-Dinitrophenol	25.5	U	2.65	25.5
121-14-2	2,4-Dinitrotoluene	10.2	U	0.268	10.2
606-20-2	2,6-Dinitrotoluene	10.2	U	0.359	10.2
91-58-7	2-Chloronaphthalene	10.2	U	0.226	10.2
95-57-8	2-Chlorophenol	10.2	U	0.282	10.2
91-57-6	2-Methylnaphthalene	10.2	U	0.260	10.2
88-74-4	2-Nitroaniline	25.5	U	0.202	25.5
88-75-5	2-Nitrophenol	10.2	U	0.364	10.2
91-94-1	3,3'-Dichlorobenzidine	10.2	U	0.303	10.2
99-09-2	3-Nitroaniline	25.5	U	0.231	25.5
534-52-1	2-Methyl-4,6-dinitrophenol	25.5	U	2.02	25.5
101-55-3	4-Bromophenyl-phenylether	10.2	U	0.344	10.2
59-50-7	4-Chloro-3-methylphenol	10.2	U	0.239	10.2
106-47-8	4-Chloroaniline	10.2	U	0.472	10.2
7005-72-3	4-Chlorophenyl-phenylether	10.2	U	0.273	10.2
100-01-6	4-Nitroaniline	25.5	U	0.226	25.5
100-02-7	4-Nitrophenol	25.5	U	1.87	25.5
83-32-9	Acenaphthene	10.2	U	0.273	10.2
208-96-8	Acenaphthylene	10.2	U	0.309	10.2
120-12-7	Anthracene	10.2	U	0.322	10.2
56-55-3	Benzo(a)anthracene	10.2	U	0.322	10.2
50-32-8	Benzo(a)pyrene	10.2	U	0.128	10.2
205-99-2	Benzo(b)fluoranthene	10.2	U	0.221	10.2
191-24-2	Benzo(g,h,i)perylene	10.2	U	0.219	10.2
207-08-9	Benzo(k)fluoranthene	10.2	U	0.241	10.2

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-GW07R-1035		
Lab Code: LA024	Contract:		
SAS No.: _____	SDG No.: 211040411	Lab File ID: 2110405/b2179	
Matrix: Water	Lab Sample ID: 21104041101		
Sample wt/vol: 980	Units: mL	Date Collected: 03/31/11	Date: 0950
Level: (low/med) LOW		Date Received: 04/02/11	
% Moisture: _____	decanted: (Y/N) _____	Date Extracted: 04/05/11	
GC Column: RTX-5MS-30	ID: .25 (mm)	Date Analyzed: 04/05/11	Time: 1722
Concentrated Extract Volume: 1000	(μ L)	Dilution Factor: 1	Analyst: JEW
Injection Volume: 1.0	(μ L)	Prep Method: 3510C	
GPC Cleanup: (Y/N) N	pH: _____	Analytical Method: SW-846 8270 C	
CONCENTRATION UNITS: ug/L		Instrument ID: MSSV6	
Prep Batch: 453738	Analytical Batch: 453741		

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
111-91-1	Bis(2-Chloroethoxy)methane	10.2	U	0.296	10.2
111-44-4	Bis(2-Chloroethyl)ether	10.2	U	0.294	10.2
108-60-1	bis(2-Chloroisopropyl)ether	10.2	U	0.262	10.2
117-81-7	bis(2-ethylhexyl)phthalate	10.2	U	0.195	10.2
85-68-7	Butylbenzylphthalate	10.2	U	0.168	10.2
86-74-8	Carbazole	10.2	U	0.237	10.2
218-01-9	Chrysene	10.2	U	0.442	10.2
84-74-2	Di-n-butylphthalate	10.2	U	0.193	10.2
117-84-0	Di-n-octylphthalate	10.2	U	0.170	10.2
53-70-3	Dibenz(a,h)anthracene	10.2	U	0.221	10.2
132-64-9	Dibenzofuran	10.2	U	0.232	10.2
84-66-2	Diethylphthalate	10.2	U	0.309	10.2
131-11-3	Dimethyl-phthalate	10.2	U	0.260	10.2
206-44-0	Fluoranthene	10.2	U	0.272	10.2
86-73-7	Fluorene	10.2	U	0.294	10.2
118-74-1	Hexachlorobenzene	10.2	U	0.254	10.2
87-68-3	Hexachlorobutadiene	10.2	U	0.196	10.2
77-47-4	Hexachlorocyclopentadiene	10.2	U	0.178	10.2
67-72-1	Hexachloroethane	10.2	U	0.305	10.2
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	0.160	10.2
78-59-1	Isophorone	10.2	U	0.388	10.2
91-20-3	Naphthalene	10.2	U	0.299	10.2
98-95-3	Nitrobenzene	10.2	U	0.336	10.2
87-86-5	Pentachlorophenol	25.5	U	0.171	25.5
85-01-8	Phenanthrene	10.2	U	0.310	10.2
108-95-2	Phenol	10.2	U	0.153	10.2
129-00-0	Pyrene	10.2	U	0.496	10.2
1319-77-3M	m,p-Cresol	10.2	U	0.359	10.2
621-64-7	N-Nitroso-di-n-propylamine	10.2	U	0.310	10.2

pp
6/9/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL		Sample ID:	SK-GW07R-1035		
Lab Code:	LA024	Case No.:	Contract:			
SAS No.:			SDG No.:	211040411		
Matrix:	Water		Lab Sample ID:	21104041101		
Sample wt/vol:	980	Units:	ml	Date Collected:	03/31/11 Time: 0950	
Level: (low/med)	LOW		Date Received:	04/02/11		
% Moisture:	decanted: (Y/N)		Date Extracted:	04/05/11		
GC Column:	RTX-5MS-30	ID:	.25 (mm)	Date Analyzed:	04/05/11 Time: 1722	
Concentrated Extract Volume:	1000	(μ L)	Dilution Factor:	1	Analyst: JEW	
Injection Volume:	1.0	(μ L)	Prep Method:	3510C		
GPC Cleanup: (Y/N)	N	pH:	Analytical Method:	SW-846 8270 C		
CONCENTRATION UNITS: ug/L			Instrument ID:	MSSV6		
CAS NO. COMPOUND			Prep Batch:	453738	Analytical Batch: 453741	
			RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine		10.2	U	0.371	10.2
95-48-7	o-Cresol		10.2	U	0.336	10.2

AP 6/19/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-GW26-1035	
Lab Code: LA024	Contract:	
SAS No.: _____	SDG No.: 211040411	Lab File ID: 2110405/b2180
Matrix: Water	Lab Sample ID: 21104041102	
Sample wt/vol: 970	Units: mL	Date Collected: 03/31/11 Time: 1030
Level: (low/med) LOW		Date Received: 04/02/11
% Moisture: _____	decanted: (Y/N) _____	Date Extracted: 04/05/11
GC Column: RTX-5MS-30	ID: .25 (mm)	Date Analyzed: 04/05/11 Time: 1737
Concentrated Extract Volume: 1000	(μ L)	Dilution Factor: 1 Analyst: JEW
Injection Volume: 1.0	(μ L)	Prep Method: 3510C
GPC Cleanup: (Y/N) N	pH: _____	Analytical Method: SW-846 8270 C
CONCENTRATION UNITS: ug/L		Instrument ID: MSSV6
		Prep Batch: 453738 Analytical Batch: 453741

CAS NO. COMPOUND

RESULT Q MDL RL

95-95-4	2,4,5-Trichlorophenol	10.3	U	0.327	10.3
88-06-2	2,4,6-Trichlorophenol	10.3	U	0.284	10.3
120-83-2	2,4-Dichlorophenol	10.3	U	0.224	10.3
105-67-9	2,4-Dimethylphenol	10.3	U	0.715	10.3
51-28-5	2,4-Dinitrophenol	25.8	U	2.68	25.8
121-14-2	2,4-Dinitrotoluene	10.3	U	0.271	10.3
606-20-2	2,6-Dinitrotoluene	10.3	U	0.363	10.3
91-58-7	2-Chloronaphthalene	10.3	U	0.228	10.3
95-57-8	2-Chlorophenol	10.3	U	0.285	10.3
91-57-6	2-Methylnaphthalene	10.3	U	0.263	10.3
88-74-4	2-Nitroaniline	25.8	U	0.204	25.8
88-75-5	2-Nitrophenol	10.3	U	0.368	10.3
91-94-1	3,3'-Dichlorobenzidine	10.3	U	0.306	10.3
99-09-2	3-Nitroaniline	25.8	U	0.233	25.8
534-52-1	2-Methyl-4,6-dinitrophenol	25.8	U	2.04	25.8
101-55-3	4-Bromophenyl-phenylether	10.3	U	0.347	10.3
59-50-7	4-Chloro-3-methylphenol	10.3	U	0.241	10.3
106-47-8	4-Chloroaniline	10.3	U	0.477	10.3
7005-72-3	4-Chlorophenyl-phenylether	10.3	U	0.276	10.3
100-01-6	4-Nitroaniline	25.8	U	0.228	25.8
100-02-7	4-Nitrophenol	25.8	U	1.89	25.8
83-32-9	Acenaphthene	10.3	U	0.276	10.3
208-96-8	Acenaphthylene	10.3	U	0.312	10.3
120-12-7	Anthracene	10.3	U	0.326	10.3
56-55-3	Benzo(a)anthracene	10.3	U	0.326	10.3
50-32-8	Benzo(a)pyrene	10.3	U	0.129	10.3
205-99-2	Benzo(b)fluoranthene	10.3	U	0.224	10.3
191-24-2	Benzo(g,h,i)perylene	10.3	U	0.222	10.3
207-08-9	Benzo(k)fluoranthene	10.3	U	0.243	10.3

R0
6/19/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-GW26-1035</u>
Lab Code: <u>LA024</u>	Case No.: _____
SAS No.: _____	SDG No.: <u>211040411</u>
Matrix: <u>Water</u>	Contract: _____
Sample wt/vol: <u>970</u>	Units: <u>mL</u>
Level: (low/med) <u>LOW</u>	Lab File ID: <u>2110405/b2180</u>
% Moisture: _____	Lab Sample ID: <u>21104041102</u>
GC Column: <u>RTX-5MS-30</u>	Date Collected: <u>03/31/11</u> Time: <u>1030</u>
Concentrated Extract Volume: <u>1000</u> (<u>µL</u>)	Date Received: <u>04/02/11</u>
Injection Volume: <u>1.0</u> (<u>µL</u>)	Date Extracted: <u>04/05/11</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Date Analyzed: <u>04/05/11</u> Time: <u>1737</u>
CONCENTRATION UNITS: ug/L	
Dilution Factor: <u>1</u>	Analyst: <u>JEW</u>
Prep Method: <u>3510C</u>	Analytical Method: <u>SW-846 8270 C</u>
Instrument ID: <u>MSSV6</u>	
Prep Batch: <u>453738</u>	Analytical Batch: <u>453741</u>

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
111-91-1	Bis(2-Chloroethoxy)methane	10.3	U	0.299	10.3
111-44-4	Bis(2-Chloroethyl)ether	10.3	U	0.297	10.3
108-60-1	bis(2-Chloroisopropyl)ether	10.3	U	0.265	10.3
117-81-7	bis(2-ethylhexyl)phthalate	10.3	U	0.197	10.3
85-68-7	Butylbenzylphthalate	10.3	U	0.170	10.3
86-74-8	Carbazole	10.3	U	0.239	10.3
218-01-9	Chrysene	10.3	U	0.446	10.3
84-74-2	Di-n-butylphthalate	10.3	U	0.195	10.3
117-84-0	Di-n-octylphthalate	10.3	U	0.172	10.3
53-70-3	Dibenz(a,h)anthracene	10.3	U	0.224	10.3
132-64-9	Dibenzofuran	10.3	U	0.234	10.3
84-66-2	Diethylphthalate	10.3	U	0.312	10.3
131-11-3	Dimethyl-phthalate	10.3	U	0.263	10.3
206-44-0	Fluoranthene	10.3	U	0.275	10.3
86-73-7	Fluorene	10.3	U	0.297	10.3
118-74-1	Hexachlorobenzene	10.3	U	0.257	10.3
87-68-3	Hexachlorobutadiene	10.3	U	0.198	10.3
77-47-4	Hexachlorocyclopentadiene	10.3	U	0.179	10.3
67-72-1	Hexachloroethane	10.3	U	0.308	10.3
193-39-5	Indeno(1,2,3-cd)pyrene	10.3	U	0.162	10.3
78-59-1	Isophorone	10.3	U	0.392	10.3
91-20-3	Naphthalene	10.3	U	0.302	10.3
98-95-3	Nitrobenzene	10.3	U	0.339	10.3
87-86-5	Pentachlorophenol	25.8	U	0.173	25.8
85-01-8	Phenanthrene	10.3	U	0.313	10.3
108-95-2	Phenol	10.3	U	0.155	10.3
129-00-0	Pyrene	10.3	U	0.501	10.3
1319-77-3M	m,p-Cresol	10.3	U	0.363	10.3
621-64-7	N-Nitroso-di-n-propylamine	10.3	U	0.313	10.3

PL 6/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL			Sample ID:	SK-GW26-1035		
Lab Code:	LA024	Case No.:		Contract:			
SAS No.:		SDG No.:	211040411	Lab File ID:	2110405/b2180		
Matrix:	Water			Lab Sample ID:	21104041102		
Sample wt/vol:	970	Units:	mL	Date Collected:	03/31/11	Time:	1030
Level: (low/med)	LOW			Date Received:	04/02/11		
% Moisture:	decanted: (Y/N)			Date Extracted:	04/05/11		
GC Column:	RTX-5MS-30		ID: .25 (mm)	Date Analyzed:	04/05/11	Time:	1737
Concentrated Extract Volume:	1000		(μ L)	Dilution Factor:	1	Analyst:	JEW
Injection Volume:	1.0		(μ L)	Prep Method:	3510C		
GPC Cleanup: (Y/N)	N	pH:		Analytical Method:	SW-846 8270C		
CONCENTRATION UNITS: ug/L				Instrument ID:	MSSV6		
CAS NO. COMPOUND				RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine			10.3	U	0.375	10.3
95-48-7	o-Cresol			10.3	U	0.339	10.3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-GW65-1035
Lab Code: LA024	Case No.: _____
SAS No.: _____	SDG No.: 211033108
Matrix: Water	Lab Sample ID: 21103310801
Sample wt/vol: 970	Units: mL
Level: (low/med) LOW	Date Collected: 03/30/11 Time: 0920
% Moisture: _____	Decanted: (Y/N) _____
GC Column: RTX-5MS-30	ID: .25 (mm)
Concentrated Extract Volume: 1000	(μ L)
Injection Volume: 1.0	(μ L)
GPC Cleanup: (Y/N) N	pH: _____
CONCENTRATION UNITS: ug/L	
Prep Method: 3510C	Analytical Method: SW-846 8270C
Instrument ID: MSSV6	Prep Batch: 453488 Analytical Batch: 453680

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.3	U	0.327	10.3
88-06-2	2,4,6-Trichlorophenol	10.3	U	0.284	10.3
120-83-2	2,4-Dichlorophenol	10.3	U	0.224	10.3
105-67-9	2,4-Dimethylphenol	10.3	U	0.715	10.3
51-28-5	2,4-Dinitrophenol	25.8	U	2.68	25.8
121-14-2	2,4-Dinitrotoluene	10.3	U	0.271	10.3
606-20-2	2,6-Dinitrotoluene	10.3	U	0.363	10.3
91-58-7	2-Chloronaphthalene	10.3	U	0.228	10.3
95-57-8	2-Chlorophenol	10.3	U	0.285	10.3
91-57-6	2-Methylnaphthalene	10.3	U	0.263	10.3
88-74-4	2-Nitroaniline	25.8	U	0.204	25.8
88-75-5	2-Nitrophenol	10.3	U	0.368	10.3
91-94-1	3,3'-Dichlorobenzidine	10.3	U	0.306	10.3
99-09-2	3-Nitroaniline	25.8	U	0.233	25.8
534-52-1	2-Methyl-4,6-dinitrophenol	25.8	U	2.04	25.8
101-55-3	4-Bromophenyl-phenylether	10.3	U	0.347	10.3
59-50-7	4-Chloro-3-methylphenol	10.3	U	0.241	10.3
106-47-8	4-Chloroaniline	10.3	U	0.477	10.3
7005-72-3	4-Chlorophenyl-phenylether	10.3	U	0.276	10.3
100-01-6	4-Nitroaniline	25.8	U	0.228	25.8
100-02-7	4-Nitrophenol	25.8	U	1.89	25.8
83-32-9	Acenaphthene	10.3	U	0.276	10.3
208-96-8	Acenaphthylene	10.3	U	0.312	10.3
120-12-7	Anthracene	10.3	U	0.326	10.3
56-55-3	Benzo(a)anthracene	10.3	U	0.326	10.3
50-32-8	Benzo(a)pyrene	10.3	U	0.129	10.3
205-99-2	Benzo(b)fluoranthene	10.3	U	0.224	10.3
191-24-2	Benzo(g,h,i)perylene	10.3	U	0.222	10.3
207-08-9	Benzo(k)fluoranthene	10.3	U	0.243	10.3

PP
6/19/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-GW65-1035
Lab Code: LA024	Contract:
SAS No.: _____	SDG No.: 211033108
Matrix: Water	Lab File ID: 2110404/b2122
Sample wt/vol: 970	Lab Sample ID: 21103310801
Units: mL	Date Collected: 03/30/11 Time: 0920
Level: (low/med) LOW	Date Received: 03/31/11
% Moisture: _____	Date Extracted: 04/04/11
GC Column: RTX-5MS-30	Date Analyzed: 04/04/11 Time: 1821
ID: .25 (mm)	Dilution Factor: 1 Analyst: JEW
Concentrated Extract Volume: 1000 (µL)	Prep Method: 3510C
Injection Volume: 1.0 (µL)	Analytical Method: SW-846 8270C
GPC Cleanup: (Y/N) N pH: _____	Instrument ID: MSSV6

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
111-91-1	Bis(2-Chloroethoxy)methane	10.3	U	0.299	10.3
111-44-4	Bis(2-Chloroethyl)ether	10.3	U	0.297	10.3
108-60-1	bis(2-Chloroisopropyl)ether	10.3	U	0.265	10.3
117-81-7	bis(2-ethylhexyl)phthalate	10.3	U	0.197	10.3
85-68-7	Butylbenzylphthalate	10.3	U	0.170	10.3
86-74-8	Carbazole	10.3	U	0.239	10.3
218-01-9	Chrysene	10.3	U	0.446	10.3
84-74-2	Di-n-butylphthalate	10.3	U	0.195	10.3
117-84-0	Di-n-octylphthalate	10.3	U	0.172	10.3
53-70-3	Dibenz(a,h)anthracene	10.3	U	0.224	10.3
132-64-9	Dibenzofuran	10.3	U	0.234	10.3
84-66-2	Diethylphthalate	10.3	U	0.312	10.3
131-11-3	Dimethyl-phthalate	10.3	U	0.263	10.3
206-44-0	Fluoranthene	10.3	U	0.275	10.3
86-73-7	Fluorene	10.3	U	0.297	10.3
118-74-1	Hexachlorobenzene	10.3	U	0.257	10.3
87-68-3	Hexachlorobutadiene	10.3	U	0.198	10.3
77-47-4	Hexachlorocyclopentadiene	10.3	U	0.179	10.3
67-72-1	Hexachloroethane	10.3	U	0.308	10.3
193-39-5	Indeno(1,2,3-cd)pyrene	10.3	U	0.162	10.3
78-59-1	Isophorone	10.3	U	0.392	10.3
91-20-3	Naphthalene	10.3	U	0.302	10.3
98-95-3	Nitrobenzene	10.3	U	0.339	10.3
87-86-5	Pentachlorophenol	25.8	U	0.173	25.8
85-01-8	Phenanthrene	10.3	U	0.313	10.3
108-95-2	Phenol	10.3	U	0.155	10.3
129-00-0	Pyrene	10.3	U	0.501	10.3
1319-77-3M	m,p-Cresol	10.3	U	0.363	10.3
621-64-7	N-Nitroso-di-n-propylamine	10.3	U	0.313	10.3

4/19/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-GW65-1035</u>				
Lab Code: <u>LA024</u>	Case No.: _____				
SAS No.: _____	SDG No.: <u>211033108</u>				
Matrix: <u>Water</u>	Contract: _____				
Sample wt/vol: <u>970</u>	Units: <u>mL</u>				
Level: (low/med) <u>LOW</u>	Lab File ID: <u>2110404/b2122</u>				
% Moisture: _____	Lab Sample ID: <u>21103310801</u>				
GC Column: <u>RTX-5MS-30</u>	Date Collected: <u>03/30/11</u> Time: <u>0920</u>				
Concentrated Extract Volume: <u>1000</u> (<u>µL</u>)	Date Received: <u>03/31/11</u>				
Injection Volume: <u>1.0</u> (<u>µL</u>)	Date Extracted: <u>04/04/11</u>				
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Date Analyzed: <u>04/04/11</u> Time: <u>1821</u>				
CONCENTRATION UNITS: <u>ug/L</u>					
CAS NO. COMPOUND		RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.3	U	0.375	10.3
95-48-7	o-Cresol	10.3	U	0.339	10.3

FORM I SV-1

211033108 98

PO
6/9/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-GW63-1035</u>
Lab Code: <u>LA024</u>	Case No.: _____
SAS No.: _____	SDG No.: <u>211033108</u>
Matrix: <u>Water</u>	Contract: _____
Sample wt/vol: <u>960</u>	Units: <u>mL</u>
Level: (low/med) <u>LOW</u>	Lab File ID: <u>2110404/b2123</u>
% Moisture: _____	Lab Sample ID: <u>21103310802</u>
GC Column: <u>RTX-5MS-30</u>	Date Collected: <u>03/30/11</u> Time: <u>1000</u>
Concentrated Extract Volume: <u>1000</u> (<u>µL</u>)	Date Received: <u>03/31/11</u>
Injection Volume: <u>1.0</u> (<u>µL</u>)	Date Extracted: <u>04/04/11</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Date Analyzed: <u>04/04/11</u> Time: <u>1836</u>

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.4	U	0.330	10.4
88-06-2	2,4,6-Trichlorophenol	10.4	U	0.286	10.4
120-83-2	2,4-Dichlorophenol	10.4	U	0.226	10.4
105-67-9	2,4-Dimethylphenol	10.4	U	0.723	10.4
51-28-5	2,4-Dinitrophenol	26.0	U	2.71	26.0
121-14-2	2,4-Dinitrotoluene	10.4	U	0.274	10.4
606-20-2	2,6-Dinitrotoluene	10.4	U	0.367	10.4
91-58-7	2-Chloronaphthalene	10.4	U	0.230	10.4
95-57-8	2-Chlorophenol	10.4	U	0.288	10.4
91-57-6	2-Methylnaphthalene	10.4	U	0.266	10.4
88-74-4	2-Nitroaniline	26.0	U	0.206	26.0
88-75-5	2-Nitrophenol	10.4	U	0.372	10.4
91-94-1	3,3'-Dichlorobenzidine	10.4	U	0.309	10.4
99-09-2	3-Nitroaniline	26.0	U	0.235	26.0
534-52-1	2-Methyl-4,6-dinitrophenol	26.0	U	2.06	26.0
101-55-3	4-Bromophenyl-phenylether	10.4	U	0.351	10.4
59-50-7	4-Chloro-3-methylphenol	10.4	U	0.244	10.4
106-47-8	4-Chloroaniline	10.4	U	0.482	10.4
7005-72-3	4-Chlorophenyl-phenylether	10.4	U	0.279	10.4
100-01-6	4-Nitroaniline	26.0	U	0.230	26.0
100-02-7	4-Nitrophenol	26.0	U	1.91	26.0
83-32-9	Acenaphthene	10.4	U	0.279	10.4
208-96-8	Acenaphthylene	10.4	U	0.316	10.4
120-12-7	Anthracene	10.4	U	0.329	10.4
56-55-3	Benzo(a)anthracene	10.4	U	0.329	10.4
50-32-8	Benzo(a)pyrene	10.4	U	0.130	10.4
205-99-2	Benzo(b)fluoranthene	10.4	U	0.226	10.4
191-24-2	Benzo(g,h,i)perylene	10.4	U	0.224	10.4
207-08-9	Benzo(k)fluoranthene	10.4	U	0.246	10.4

PP
6/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-GW63-1035</u>
Lab Code: <u>LA024</u>	Contract: _____
SAS No.: _____	SDG No.: <u>211033108</u>
Matrix: <u>Water</u>	Lab Sample ID: <u>21103310802</u>
Sample wt/vol: <u>960</u> Units: <u>mL</u>	Date Collected: <u>03/30/11</u> Time: <u>1000</u>
Level: (low/med) <u>LOW</u>	Date Received: <u>03/31/11</u>
% Moisture: _____ decanted: (Y/N) _____	Date Extracted: <u>04/04/11</u>
GC Column: <u>RTX-5MS-30</u> ID: <u>.25</u> (mm)	Date Analyzed: <u>04/04/11</u> Time: <u>1836</u>
Concentrated Extract Volume: <u>1000</u> (μL)	Dilution Factor: <u>1</u> Analyst: <u>JEW</u>
Injection Volume: <u>1.0</u> (μL)	Prep Method: <u>3510C</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Analytical Method: <u>SW-846 8270 C</u>

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
111-91-1	Bis(2-Chloroethoxy)methane	10.4	U	0.302	10.4
111-44-4	Bis(2-Chloroethyl)ether	10.4	U	0.300	10.4
108-60-1	bis(2-Chloroisopropyl)ether	10.4	U	0.268	10.4
117-81-7	bis(2-ethylhexyl)phthalate	10.4	U	0.199	10.4
85-68-7	Butylbenzylphthalate	10.4	U	0.172	10.4
86-74-8	Carbazole	10.4	U	0.242	10.4
218-01-9	Chrysene	10.4	U	0.451	10.4
84-74-2	Di-n-butylphthalate	10.4	U	0.197	10.4
117-84-0	Di-n-octylphthalate	10.4	U	0.174	10.4
53-70-3	Dibenz(a,h)anthracene	10.4	U	0.226	10.4
132-64-9	Dibenzofuran	10.4	U	0.236	10.4
84-66-2	Diethylphthalate	10.4	U	0.316	10.4
131-11-3	Dimethyl-phthalate	10.4	U	0.266	10.4
206-44-0	Fluoranthene	10.4	U	0.278	10.4
86-73-7	Fluorene	10.4	U	0.300	10.4
118-74-1	Hexachlorobenzene	10.4	U	0.259	10.4
87-68-3	Hexachlorobutadiene	10.4	U	0.200	10.4
77-47-4	Hexachlorocyclopentadiene	10.4	U	0.181	10.4
67-72-1	Hexachloroethane	10.4	U	0.311	10.4
193-39-5	Indeno(1,2,3-cd)pyrene	10.4	U	0.164	10.4
78-59-1	Isophorone	10.4	U	0.396	10.4
91-20-3	Naphthalene	10.4	U	0.305	10.4
98-95-3	Nitrobenzene	10.4	U	0.343	10.4
87-86-5	Pentachlorophenol	26.0	U	0.175	26.0
85-01-8	Phenanthrene	10.4	U	0.317	10.4
108-95-2	Phenol	10.4	U	0.156	10.4
129-00-0	Pyrene	10.4	U	0.506	10.4
1319-77-3M	m,p-Cresol	10.4	U	0.367	10.4
621-64-7	N-Nitroso-di-n-propylamine	10.4	U	0.317	10.4

PP
11/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.:
 SAS No.: SDG No.: 211033108
 Matrix: Water
 Sample wt/vol: 960 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS: ug/L

CAS NO. COMPOUND

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.4	U	0.379	10.4
95-48-7	o-Cresol	10.4	U	0.343	10.4

HP
10/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-GW61-1035
Lab Code: LA024	Case No.:
SAS No.:	SDG No.: 211033108
Matrix: Water	Contract:
Sample wt/vol: 960	Units: mL
Level: (low/med) LOW	Lab File ID: 2110404/b2124
% Moisture:	Lab Sample ID: 21103310803
GC Column: RTX-5MS-30	Date Collected: 03/30/11 Time: 1050
Concentrated Extract Volume: 1000	Date Received: 03/31/11
Injection Volume: 1.0	Date Extracted: 04/04/11
GPC Cleanup: (Y/N) N	Date Analyzed: 04/04/11 Time: 1851
pH:	Dilution Factor: 1 Analyst: JEW
Prep Method: 3510C	
Analytical Method: SW-846 8270 C	
Instrument ID: MSSV6	
Prep Batch: 453488 Analytical Batch: 453680	

CONCENTRATION UNITS: ug/L

CAS NO. COMPOUND

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.4	U	0.330	10.4
88-06-2	2,4,6-Trichlorophenol	10.4	U	0.286	10.4
120-83-2	2,4-Dichlorophenol	10.4	U	0.226	10.4
105-67-9	2,4-Dimethylphenol	10.4	U	0.723	10.4
51-28-5	2,4-Dinitrophenol	26.0	U	2.71	26.0
121-14-2	2,4-Dinitrotoluene	10.4	U	0.274	10.4
606-20-2	2,6-Dinitrotoluene	10.4	U	0.367	10.4
91-58-7	2-Chloronaphthalene	10.4	U	0.230	10.4
95-57-8	2-Chlorophenol	10.4	U	0.288	10.4
91-57-6	2-Methylnaphthalene	10.4	U	0.266	10.4
88-74-4	2-Nitroaniline	26.0	U	0.206	26.0
88-75-5	2-Nitrophenol	10.4	U	0.372	10.4
91-94-1	3,3'-Dichlorobenzidine	10.4	U	0.309	10.4
99-09-2	3-Nitroaniline	26.0	U	0.235	26.0
534-52-1	2-Methyl-4,6-dinitrophenol	26.0	U	2.06	26.0
101-55-3	4-Bromophenyl-phenylether	10.4	U	0.351	10.4
59-50-7	4-Chloro-3-methylphenol	10.4	U	0.244	10.4
106-47-8	4-Chloroaniline	10.4	U	0.482	10.4
7005-72-3	4-Chlorophenyl-phenylether	10.4	U	0.279	10.4
100-01-6	4-Nitroaniline	26.0	U	0.230	26.0
100-02-7	4-Nitrophenol	26.0	U	1.91	26.0
83-32-9	Acenaphthene	10.4	U	0.279	10.4
208-96-8	Acenaphthylene	10.4	U	0.316	10.4
120-12-7	Anthracene	10.4	U	0.329	10.4
56-55-3	Benzo(a)anthracene	10.4	U	0.329	10.4
50-32-8	Benzo(a)pyrene	10.4	U	0.130	10.4
205-99-2	Benzo(b)fluoranthene	10.4	U	0.226	10.4
191-24-2	Benzo(g,h,i)perylene	10.4	U	0.224	10.4
207-08-9	Benzo(k)fluoranthene	10.4	U	0.246	10.4

fp
6/1/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.:
 SAS No.: SDG No.: 211033108
 Matrix: Water
 Sample wt/vol: 960 Units: mL
 Level: (low/med) LOW
 % Moisture: decanted: (Y/N)
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (μ L)
 Injection Volume: 1.0 (μ L)
 GPC Cleanup: (Y/N) N pH:
 CONCENTRATION UNITS: ug/L

Sample ID: SK-GW61-1035
 Contract:
 Lab File ID: 2110404/b2124
 Lab Sample ID: 21103310803
 Date Collected: 03/30/11 Time: 1050
 Date Received: 03/31/11
 Date Extracted: 04/04/11
 Date Analyzed: 04/04/11 Time: 1851
 Dilution Factor: 1 Analyst: JEW
 Prep Method: 3510C
 Analytical Method: SW-846 8270C
 Instrument ID: MSSV6
 Prep Batch: 453488 Analytical Batch: 453680

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
111-91-1	Bis(2-Chloroethoxy)methane	10.4	U	0.302	10.4
111-44-4	Bis(2-Chloroethyl)ether	10.4	U	0.300	10.4
108-60-1	bis(2-Chloroisopropyl)ether	10.4	U	0.268	10.4
117-81-7	bis(2-ethylhexyl)phthalate	10.4	U	0.199	10.4
85-68-7	Butylbenzylphthalate	10.4	U	0.172	10.4
86-74-8	Carbazole	10.4	U	0.242	10.4
218-01-9	Chrysene	10.4	U	0.451	10.4
84-74-2	Di-n-butylphthalate	10.4	U	0.197	10.4
117-84-0	Di-n-octylphthalate	10.4	U	0.174	10.4
53-70-3	Dibenz(a,h)anthracene	10.4	U	0.226	10.4
132-64-9	Dibenzofuran	10.4	U	0.236	10.4
84-66-2	Diethylphthalate	10.4	U	0.316	10.4
131-11-3	Dimethyl-phthalate	10.4	U	0.266	10.4
206-44-0	Fluoranthene	10.4	U	0.278	10.4
86-73-7	Fluorene	10.4	U	0.300	10.4
118-74-1	Hexachlorobenzene	10.4	U	0.259	10.4
87-68-3	Hexachlorobutadiene	10.4	U	0.200	10.4
77-47-4	Hexachlorocyclopentadiene	10.4	U	0.181	10.4
67-72-1	Hexachloroethane	10.4	U	0.311	10.4
193-39-5	Indeno(1,2,3-cd)pyrene	10.4	U	0.164	10.4
78-59-1	Isophorone	10.4	U	0.396	10.4
91-20-3	Naphthalene	10.4	U	0.305	10.4
98-95-3	Nitrobenzene	10.4	U	0.343	10.4
87-86-5	Pentachlorophenol	26.0	U	0.175	26.0
85-01-8	Phenanthrene	10.4	U	0.317	10.4
108-95-2	Phenol	10.4	U	0.156	10.4
129-00-0	Pyrene	10.4	U	0.506	10.4
1319-77-3M	m,p-Cresol	10.4	U	0.367	10.4
621-64-7	N-Nitroso-di-n-propylamine	10.4	U	0.317	10.4

fp
6/1/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-GW61-1035</u>				
Lab Code: <u>LA024</u>	Case No.: _____				
SAS No.: _____	SDG No.: <u>211033108</u>				
Matrix: <u>Water</u>	Lab Sample ID: <u>21103310803</u>				
Sample wt/vol: <u>960</u>	Units: <u>mL</u>				
Date Collected: <u>03/30/11</u>	Time: <u>1050</u>				
Level: (low/med) <u>LOW</u>	Date Received: <u>03/31/11</u>				
% Moisture: _____	Decanted: (Y/N) _____				
GC Column: <u>RTX-5MS-30</u>	ID: <u>.25</u> (mm)				
Concentrated Extract Volume: <u>1000</u> (μL)	Date Extracted: <u>04/04/11</u>				
Injection Volume: <u>1.0</u> (μL)	Date Analyzed: <u>04/04/11</u>				
GPC Cleanup: (Y/N) <u>N</u>	Dilution Factor: <u>1</u>				
pH: _____	Analyst: <u>JEW</u>				
CONCENTRATION UNITS: ug/L					
CAS NO. COMPOUND		RESULT	Q	MDL	RL
<u>86-30-6</u>	<u>N-Nitrosodiphenylamine</u>	<u>10.4</u>	<u>U</u>	<u>0.379</u>	<u>10.4</u>
<u>95-48-7</u>	<u>o-Cresol</u>	<u>10.4</u>	<u>U</u>	<u>0.343</u>	<u>10.4</u>

MP
4/9/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-GW59-1035
Lab Code: LA024	Case No.: _____
SAS No.: _____	SDG No.: 211033108
Matrix: Water	Lab Sample ID: 21103310804
Sample wt/vol: 990	Units: mL
Level: (low/med) LOW	Date Collected: 03/30/11 Time: 1320
% Moisture: _____	Date Received: 03/31/11
GC Column: RTX-5MS-30	Date Extracted: 04/04/11
Concentrated Extract Volume: 1000	Date Analyzed: 04/04/11 Time: 1906
Injection Volume: 1.0	Dilution Factor: 1 Analyst: JEW
GPC Cleanup: (Y/N) N	Prep Method: 3510C
Analytical Method: SW-846 8270C	
Instrument ID: MSSV6	
CONCENTRATION UNITS: ug/L	
Prep Batch: 453488	Analytical Batch: 453680

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.1	U	0.320	10.1
88-06-2	2,4,6-Trichlorophenol	10.1	U	0.278	10.1
120-83-2	2,4-Dichlorophenol	10.1	U	0.219	10.1
105-67-9	2,4-Dimethylphenol	10.1	U	0.701	10.1
51-28-5	2,4-Dinitrophenol	25.3	U	2.63	25.3
121-14-2	2,4-Dinitrotoluene	10.1	U	0.266	10.1
606-20-2	2,6-Dinitrotoluene	10.1	U	0.356	10.1
91-58-7	2-Chloronaphthalene	10.1	U	0.223	10.1
95-57-8	2-Chlorophenol	10.1	U	0.279	10.1
91-57-6	2-Methylnaphthalene	10.1	U	0.258	10.1
88-74-4	2-Nitroaniline	25.3	U	0.200	25.3
88-75-5	2-Nitrophenol	10.1	U	0.361	10.1
91-94-1	3,3'-Dichlorobenzidine	10.1	U	0.300	10.1
99-09-2	3-Nitroaniline	25.3	U	0.228	25.3
534-52-1	2-Methyl-4,6-dinitrophenol	25.3	U	2.00	25.3
101-55-3	4-Bromophenyl-phenylether	10.1	U	0.340	10.1
59-50-7	4-Chloro-3-methylphenol	10.1	U	0.236	10.1
106-47-8	4-Chloroaniline	10.1	U	0.468	10.1
7005-72-3	4-Chlorophenyl-phenylether	10.1	U	0.271	10.1
100-01-6	4-Nitroaniline	25.3	U	0.223	25.3
100-02-7	4-Nitrophenol	25.3	U	1.85	25.3
83-32-9	Acenaphthene	10.1	U	0.271	10.1
208-96-8	Acenaphthylene	10.1	U	0.306	10.1
120-12-7	Anthracene	10.1	U	0.319	10.1
56-55-3	Benzo(a)anthracene	10.1	U	0.319	10.1
50-32-8	Benzo(a)pyrene	10.1	U	0.126	10.1
205-99-2	Benzo(b)fluoranthene	10.1	U	0.219	10.1
191-24-2	Benzo(g,h,i)perylene	10.1	U	0.217	10.1
207-08-9	Benzo(k)fluoranthene	10.1	U	0.238	10.1

PP
6/9/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-GW59-1035
Lab Code: LA024	Contract:
SAS No.: _____	SDG No.: 211033108
Matrix: Water	Lab Sample ID: 21103310804
Sample wt/vol: 990	Units: mL
Level: (low/med) LOW	Date Collected: 03/30/11 Time: 1320
% Moisture: _____	Date Received: 03/31/11
GC Column: RTX-5MS-30	Date Extracted: 04/04/11
Concentrated Extract Volume: 1000	Date Analyzed: 04/04/11 Time: 1906
Injection Volume: 1.0	Dilution Factor: 1 Analyst: JEW
GPC Cleanup: (Y/N) N pH: _____	Prep Method: 3510C
Analytical Method: SW-846 8270C	
Instrument ID: MSSV6	
CONCENTRATION UNITS: ug/L	
Prep Batch: 453488	Analytical Batch: 453680

CAS NO. COMPOUND

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
111-91-1	Bis(2-Chloroethoxy)methane	10.1	U	0.293	10.1
111-44-4	Bis(2-Chloroethyl)ether	10.1	U	0.291	10.1
108-60-1	bis(2-Chloroisopropyl)ether	10.1	U	0.260	10.1
117-81-7	bis(2-ethylhexyl)phthalate	10.1	U	0.193	10.1
85-68-7	Butylbenzylphthalate	10.1	U	0.167	10.1
86-74-8	Carbazole	10.1	U	0.234	10.1
218-01-9	Chrysene	10.1	U	0.437	10.1
84-74-2	Di-n-butylphthalate	10.1	U	0.191	10.1
117-84-0	Di-n-octylphthalate	10.1	U	0.169	10.1
53-70-3	Dibenz(a,h)anthracene	10.1	U	0.219	10.1
132-64-9	Dibenzofuran	10.1	U	0.229	10.1
84-66-2	Diethylphthalate	10.1	U	0.306	10.1
131-11-3	Dimethyl-phthalate	10.1	U	0.258	10.1
206-44-0	Fluoranthene	10.1	U	0.270	10.1
86-73-7	Fluorene	10.1	U	0.291	10.1
118-74-1	Hexachlorobenzene	10.1	U	0.252	10.1
87-68-3	Hexachlorobutadiene	10.1	U	0.194	10.1
77-47-4	Hexachlorocyclopentadiene	10.1	U	0.176	10.1
67-72-1	Hexachloroethane	10.1	U	0.302	10.1
193-39-5	Indeno(1,2,3-cd)pyrene	10.1	U	0.159	10.1
78-59-1	Isophorone	10.1	U	0.384	10.1
91-20-3	Naphthalene	10.1	U	0.296	10.1
98-95-3	Nitrobenzene	10.1	U	0.332	10.1
87-86-5	Pentachlorophenol	25.3	U	0.170	25.3
85-01-8	Phenanthrene	10.1	U	0.307	10.1
108-95-2	Phenol	10.1	U	0.152	10.1
129-00-0	Pyrene	10.1	U	0.491	10.1
1319-77-3M	m,p-Cresol	10.1	U	0.356	10.1
621-64-7	N-Nitroso-di-n-propylamine	10.1	U	0.307	10.1

MP
4/9/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-GW59-1035</u>				
Lab Code: <u>LA024</u>	Contract: _____				
SAS No.: _____	SDG No.: <u>211033108</u>				
Matrix: <u>Water</u>	Lab File ID: <u>2110404/b2125</u>				
Sample wt/vol: <u>990</u>	Units: <u>mL</u>				
Level: (low/med) <u>LOW</u>	Lab Sample ID: <u>21103310804</u>				
% Moisture: _____	Decanted: (Y/N) _____				
GC Column: <u>RTX-5MS-30</u>	ID: <u>.25</u> (mm)				
Concentrated Extract Volume: <u>1000</u> (<u>µL</u>)	Date Collected: <u>03/30/11</u> Time: <u>1320</u>				
Injection Volume: <u>1.0</u> (<u>µL</u>)	Date Received: <u>03/31/11</u>				
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Date Extracted: <u>04/04/11</u>				
CONCENTRATION UNITS: ug/L	Date Analyzed: <u>04/04/11</u> Time: <u>1906</u>				
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.1	U	0.368	10.1
95-48-7	o-Cresol	10.1	U	0.332	10.1

PL
6/9/11

1B
SEMOVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-FD-1035 (GW59)</u>
Lab Code: <u>LA024</u>	Case No.: _____
SAS No.: _____	SDG No.: <u>211033108</u>
Matrix: <u>Water</u>	Lab Sample ID: <u>21103310805</u>
Sample wt/vol: <u>990</u> Units: <u>mL</u>	Date Collected: <u>03/30/11</u> Time: <u>1330</u>
Level: (low/med) <u>LOW</u>	Date Received: <u>03/31/11</u>
% Moisture: _____ decanted: (Y/N) _____	Date Extracted: <u>04/04/11</u>
GC Column: <u>RTX-5MS-30</u> ID: <u>.25</u> (mm)	Date Analyzed: <u>04/04/11</u> Time: <u>1921</u>
Concentrated Extract Volume: <u>1000</u> (µL)	Dilution Factor: <u>1</u> Analyst: <u>JEW</u>
Injection Volume: <u>1.0</u> (µL)	Prep Method: <u>3510C</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Analytical Method: <u>SW-846 8270 C</u>

CONCENTRATION UNITS: ug/L

CAS NO. COMPOUND

RESULT Q MDL RL

95-95-4	2,4,5-Trichlorophenol	10.1	U	0.320	10.1
88-06-2	2,4,6-Trichlorophenol	10.1	U	0.278	10.1
120-83-2	2,4-Dichlorophenol	10.1	U	0.219	10.1
105-67-9	2,4-Dimethylphenol	10.1	U	0.701	10.1
51-28-5	2,4-Dinitrophenol	25.3	U	2.63	25.3
121-14-2	2,4-Dinitrotoluene	10.1	U	0.266	10.1
606-20-2	2,6-Dinitrotoluene	10.1	U	0.356	10.1
91-58-7	2-Chloronaphthalene	10.1	U	0.223	10.1
95-57-8	2-Chlorophenol	10.1	U	0.279	10.1
91-57-6	2-Methylnaphthalene	10.1	U	0.258	10.1
88-74-4	2-Nitroaniline	25.3	U	0.200	25.3
88-75-5	2-Nitrophenol	10.1	U	0.361	10.1
91-94-1	3,3'-Dichlorobenzidine	10.1	U	0.300	10.1
99-09-2	3-Nitroaniline	25.3	U	0.228	25.3
534-52-1	2-Methyl-4,6-dinitrophenol	25.3	U	2.00	25.3
101-55-3	4-Bromophenyl-phenylether	10.1	U	0.340	10.1
59-50-7	4-Chloro-3-methylphenol	10.1	U	0.236	10.1
106-47-8	4-Chloroaniline	10.1	U	0.468	10.1
7005-72-3	4-Chlorophenyl-phenylether	10.1	U	0.271	10.1
100-01-6	4-Nitroaniline	25.3	U	0.223	25.3
100-02-7	4-Nitrophenol	25.3	U	1.85	25.3
83-32-9	Acenaphthene	10.1	U	0.271	10.1
208-96-8	Acenaphthylene	10.1	U	0.306	10.1
120-12-7	Anthracene	10.1	U	0.319	10.1
56-55-3	Benzo(a)anthracene	10.1	U	0.319	10.1
50-32-8	Benzo(a)pyrene	10.1	U	0.126	10.1
205-99-2	Benzo(b)fluoranthene	10.1	U	0.219	10.1
191-24-2	Benzo(g,h,i)perylene	10.1	U	0.217	10.1
207-08-9	Benzo(k)fluoranthene	10.1	U	0.238	10.1

pp
u9/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.:
 SAS No.: SDG No.: 211033108
 Matrix: Water
 Sample wt/vol: 990 Units: mL
 Level: (low/med) LOW
 % Moisture: decanted: (Y/N)
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

CAS NO. COMPOUND

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
111-91-1	Bis(2-Chloroethoxy)methane	10.1	U	0.293	10.1
111-44-4	Bis(2-Chloroethyl)ether	10.1	U	0.291	10.1
108-60-1	bis(2-Chloroisopropyl)ether	10.1	U	0.260	10.1
117-81-7	bis(2-ethylhexyl)phthalate	5.31	J	0.193	10.1
85-68-7	Butylbenzylphthalate	10.1	U	0.167	10.1
86-74-8	Carbazole	10.1	U	0.234	10.1
218-01-9	Chrysene	10.1	U	0.437	10.1
84-74-2	Di-n-butylphthalate	10.1	U	0.191	10.1
117-84-0	Di-n-octylphthalate	10.1	U	0.169	10.1
53-70-3	Dibenz(a,h)anthracene	10.1	U	0.219	10.1
132-64-9	Dibenzofuran	10.1	U	0.229	10.1
84-66-2	Diethylphthalate	10.1	U	0.306	10.1
131-11-3	Dimethyl-phthalate	10.1	U	0.258	10.1
206-44-0	Fluoranthene	10.1	U	0.270	10.1
86-73-7	Fluorene	10.1	U	0.291	10.1
118-74-1	Hexachlorobenzene	10.1	U	0.252	10.1
87-68-3	Hexachlorobutadiene	10.1	U	0.194	10.1
77-47-4	Hexachlorocyclopentadiene	10.1	U	0.176	10.1
67-72-1	Hexachloroethane	10.1	U	0.302	10.1
193-39-5	Indeno(1,2,3-cd)pyrene	10.1	U	0.159	10.1
78-59-1	Isophorone	10.1	U	0.384	10.1
91-20-3	Naphthalene	10.1	U	0.296	10.1
98-95-3	Nitrobenzene	10.1	U	0.332	10.1
87-86-5	Pentachlorophenol	25.3	U	0.170	25.3
85-01-8	Phenanthrene	10.1	U	0.307	10.1
108-95-2	Phenol	10.1	U	0.152	10.1
129-00-0	Pyrene	10.1	U	0.491	10.1
1319-77-3M	m,p-Cresol	10.1	U	0.356	10.1
621-64-7	N-Nitroso-di-n-propylamine	10.1	U	0.307	10.1

PP
Waln

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-FD-1035 (GW59)</u>				
Lab Code: <u>LA024</u>	Case No.: _____				
SAS No.: _____	SDG No.: <u>211033108</u>				
Matrix: <u>Water</u>	Contract: _____				
Sample wt/vol: <u>990</u>	Units: <u>mL</u>				
Level: (low/med) <u>LOW</u>	Lab File ID: <u>2110404/b2126</u>				
% Moisture: _____	Lab Sample ID: <u>21103310805</u>				
GC Column: <u>RTX-5MS-30</u>	Date Collected: <u>03/30/11</u> Time: <u>1330</u>				
Concentrated Extract Volume: <u>1000</u> (<u>µL</u>)	Date Received: <u>03/31/11</u>				
Injection Volume: <u>1.0</u> (<u>µL</u>)	Date Extracted: <u>04/04/11</u>				
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Date Analyzed: <u>04/04/11</u> Time: <u>1921</u>				
CONCENTRATION UNITS: <u>ug/L</u>	Dilution Factor: <u>1</u> Analyst: <u>JEW</u>				
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.1	U	0.368	10.1
95-48-7	o-Cresol	10.1	U	0.332	10.1

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-GW58-1035</u>
Lab Code: <u>LA024</u>	Contract: _____
SAS No.: _____	SDG No.: <u>211033108</u>
Matrix: <u>Water</u>	Lab File ID: <u>2110404/b2127</u>
Sample wt/vol: <u>960</u>	Units: <u>mL</u>
Level: (low/med) <u>LOW</u>	Lab Sample ID: <u>21103310806</u>
% Moisture: _____	Decanted: (Y/N) _____
GC Column: <u>RTX-5MS-30</u>	ID: <u>.25</u> (mm)
Concentrated Extract Volume: <u>1000</u>	(<u>µL</u>)
Injection Volume: <u>1.0</u>	(<u>µL</u>)
GPC Cleanup: (Y/N) <u>N</u>	pH: _____

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.4	U	0.330	10.4
88-06-2	2,4,6-Trichlorophenol	10.4	U	0.286	10.4
120-83-2	2,4-Dichlorophenol	10.4	U	0.226	10.4
105-67-9	2,4-Dimethylphenol	10.4	U	0.723	10.4
51-28-5	2,4-Dinitrophenol	26.0	U	2.71	26.0
121-14-2	2,4-Dinitrotoluene	10.4	U	0.274	10.4
606-20-2	2,6-Dinitrotoluene	10.4	U	0.367	10.4
91-58-7	2-Chloronaphthalene	10.4	U	0.230	10.4
95-57-8	2-Chlorophenol	10.4	U	0.288	10.4
91-57-6	2-Methylnaphthalene	10.4	U	0.266	10.4
88-74-4	2-Nitroaniline	26.0	U	0.206	26.0
88-75-5	2-Nitrophenol	10.4	U	0.372	10.4
91-94-1	3,3'-Dichlorobenzidine	10.4	U	0.309	10.4
99-09-2	3-Nitroaniline	26.0	U	0.235	26.0
534-52-1	2-Methyl-4,6-dinitrophenol	26.0	U	2.06	26.0
101-55-3	4-Bromophenyl-phenylether	10.4	U	0.351	10.4
59-50-7	4-Chloro-3-methylphenol	10.4	U	0.244	10.4
106-47-8	4-Chloroaniline	10.4	U	0.482	10.4
7005-72-3	4-Chlorophenyl-phenylether	10.4	U	0.279	10.4
100-01-6	4-Nitroaniline	26.0	U	0.230	26.0
100-02-7	4-Nitrophenol	26.0	U	1.91	26.0
83-32-9	Acenaphthene	10.4	U	0.279	10.4
208-96-8	Acenaphthylene	10.4	U	0.316	10.4
120-12-7	Anthracene	10.4	U	0.329	10.4
56-55-3	Benzo(a)anthracene	10.4	U	0.329	10.4
50-32-8	Benzo(a)pyrene	10.4	U	0.130	10.4
205-99-2	Benzo(b)fluoranthene	10.4	U	0.226	10.4
191-24-2	Benzo(g,h,i)perylene	10.4	U	0.224	10.4
207-08-9	Benzo(k)fluoranthene	10.4	U	0.246	10.4

PP
10/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW58-1035
 Lab Code: LA024 Contract:
 SAS No.: SDG No.: 211033108 Lab File ID: 2110404/b2127
 Matrix: Water Lab Sample ID: 21103310806
 Sample wt/vol: 960 Date Collected: 03/30/11 Time: 1415
 Units: mL Date Received: 03/31/11
 Level: (low/med) LOW Date Extracted: 04/04/11
 % Moisture: Date Analyzed: 04/04/11 Time: 1936
 GC Column: RTX-5MS-30 Dilution Factor: 1 Analyst: JEW
 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH:
 CONCENTRATION UNITS: ug/L
 Instrument ID: MSSV6
 Prep Batch: 453488 Analytical Batch: 453680

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
111-91-1	Bis(2-Chloroethoxy)methane	10.4	U	0.302	10.4
111-44-4	Bis(2-Chloroethyl)ether	10.4	U	0.300	10.4
108-60-1	bis(2-Chloroisopropyl)ether	10.4	U	0.268	10.4
117-81-7	bis(2-ethylhexyl)phthalate	10.4	U	0.199	10.4
85-68-7	Butylbenzylphthalate	10.4	U	0.172	10.4
86-74-8	Carbazole	10.4	U	0.242	10.4
218-01-9	Chrysene	10.4	U	0.451	10.4
84-74-2	Di-n-butylphthalate	10.4	U	0.197	10.4
117-84-0	Di-n-octylphthalate	10.4	U	0.174	10.4
53-70-3	Dibenz(a,h)anthracene	10.4	U	0.226	10.4
132-64-9	Dibenzo furan	10.4	U	0.236	10.4
84-66-2	Diethylphthalate	10.4	U	0.316	10.4
131-11-3	Dimethyl-phthalate	10.4	U	0.266	10.4
206-44-0	Fluoranthene	10.4	U	0.278	10.4
86-73-7	Fluorene	10.4	U	0.300	10.4
118-74-1	Hexachlorobenzene	10.4	U	0.259	10.4
87-68-3	Hexachlorobutadiene	10.4	U	0.200	10.4
77-47-4	Hexachlorocyclopentadiene	10.4	U	0.181	10.4
67-72-1	Hexachloroethane	10.4	U	0.311	10.4
193-39-5	Indeno(1,2,3-cd)pyrene	10.4	U	0.164	10.4
78-59-1	Isophorone	10.4	U	0.396	10.4
91-20-3	Naphthalene	10.4	U	0.305	10.4
98-95-3	Nitrobenzene	10.4	U	0.343	10.4
87-86-5	Pentachlorophenol	26.0	U	0.175	26.0
85-01-8	Phenanthrene	10.4	U	0.317	10.4
108-95-2	Phenol	10.4	U	0.156	10.4
129-00-0	Pyrene	10.4	U	0.506	10.4
1319-77-3M	m,p-Cresol	10.4	U	0.367	10.4
621-64-7	N-Nitroso-di-n-propylamine	10.4	U	0.317	10.4

P0
u1a/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-GW58-1035</u>				
Lab Code: <u>LA024</u>	Case No.: _____				
SAS No.: _____	SDG No.: <u>211033108</u>				
Matrix: <u>Water</u>	Contract: _____				
Sample wt/vol: <u>960</u>	Units: <u>mL</u>				
Level: (low/med) <u>LOW</u>	Lab File ID: <u>2110404/b2127</u>				
% Moisture: _____	Lab Sample ID: <u>21103310806</u>				
% decanted: (Y/N) _____	Date Collected: <u>03/30/11</u> Time: <u>1415</u>				
GC Column: <u>RTX-5MS-30</u>	Date Received: <u>03/31/11</u>				
ID: <u>.25</u> (mm)	Date Extracted: <u>04/04/11</u>				
Concentrated Extract Volume: <u>1000</u> (µL)	Date Analyzed: <u>04/04/11</u> Time: <u>1936</u>				
Injection Volume: <u>1.0</u> (µL)	Dilution Factor: <u>1</u> Analyst: <u>JEW</u>				
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Prep Method: <u>3510C</u>				
CONCENTRATION UNITS: ug/L					
CAS NO. COMPOUND		RESULT	Q	MDL	RL
<u>86-30-6</u>	<u>N-Nitrosodiphenylamine</u>	<u>10.4</u>	<u>U</u>	<u>0.379</u>	<u>10.4</u>
<u>95-48-7</u>	<u>o-Cresol</u>	<u>10.4</u>	<u>U</u>	<u>0.343</u>	<u>10.4</u>

PP
ul9/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-MS-1035 (GW58)</u>
Lab Code: <u>LA024</u>	Case No.: _____
SAS No.: _____	SDG No.: <u>211033108</u>
Matrix: <u>Water</u>	Contract: _____
Sample wt/vol: <u>970</u> Units: <u>mL</u>	Lab File ID: <u>2110404/b2128</u>
Level: (low/med) <u>LOW</u>	Lab Sample ID: <u>21103310807</u>
% Moisture: _____	Date Collected: <u>03/30/11</u> Time: <u>1420</u>
GC Column: <u>RTX-5MS-30</u> ID: <u>.25</u> (mm)	Date Received: <u>03/31/11</u>
Concentrated Extract Volume: <u>1000</u> (μL)	Date Extracted: <u>04/04/11</u>
Injection Volume: <u>1.0</u> (μL)	Date Analyzed: <u>04/04/11</u> Time: <u>1952</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Dilution Factor: <u>1</u> Analyst: <u>JEW</u>
Analytical Method: <u>SW-846 8270 C</u>	
Instrument ID: <u>MSSV6</u>	
Prep Batch: <u>453488</u> Analytical Batch: <u>453680</u>	

CONCENTRATION UNITS: ug/L

CAS NO. COMPOUND

RESULT Q MDL RL

95-95-4	2,4,5-Trichlorophenol	10.3	U	0.327	10.3
88-06-2	2,4,6-Trichlorophenol	10.3	U	0.284	10.3
120-83-2	2,4-Dichlorophenol	10.3	U	0.224	10.3
105-67-9	2,4-Dimethylphenol	10.3	U	0.715	10.3
51-28-5	2,4-Dinitrophenol	25.8	U	2.68	25.8
121-14-2	2,4-Dinitrotoluene	83.1		0.271	10.3
606-20-2	2,6-Dinitrotoluene	10.3	U	0.363	10.3
91-58-7	2-Chloronaphthalene	10.3	U	0.228	10.3
95-57-8	2-Chlorophenol	71.3		0.285	10.3
91-57-6	2-Methylnaphthalene	10.3	U	0.263	10.3
88-74-4	2-Nitroaniline	25.8	U	0.204	25.8
88-75-5	2-Nitrophenol	10.3	U	0.368	10.3
91-94-1	3,3'-Dichlorobenzidine	10.3	U	0.306	10.3
99-09-2	3-Nitroaniline	25.8	U	0.233	25.8
534-52-1	2-Methyl-4,6-dinitrophenol	25.8	U	2.04	25.8
101-55-3	4-Bromophenyl-phenylether	10.3	U	0.347	10.3
59-50-7	4-Chloro-3-methylphenol	75.4		0.241	10.3
106-47-8	4-Chloroaniline	10.3	U	0.477	10.3
7005-72-3	4-Chlorophenyl-phenylether	10.3	U	0.276	10.3
100-01-6	4-Nitroaniline	25.8	U	0.228	25.8
100-02-7	4-Nitrophenol	30.9		1.89	25.8
83-32-9	Acenaphthene	80.9		0.276	10.3
208-96-8	Acenaphthylene	10.3	U	0.312	10.3
120-12-7	Anthracene	10.3	U	0.326	10.3
56-55-3	Benzo(a)anthracene	10.3	U	0.326	10.3
50-32-8	Benzo(a)pyrene	10.3	U	0.129	10.3
205-99-2	Benzo(b)fluoranthene	10.3	U	0.224	10.3
191-24-2	Benzo(g,h,i)perylene	10.3	U	0.222	10.3
207-08-9	Benzo(k)fluoranthene	10.3	U	0.243	10.3

PP
6/1/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.:
 SAS No.: SDG No.: 211033108
 Matrix: Water
 Sample wt/vol: 970 Units: mL
 Level: (low/med) LOW
 % Moisture: decanted: (Y/N)
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH:

Sample ID: SK-MS-1035 (GW58)
 Contract:
 Lab File ID: 2110404/b2128
 Lab Sample ID: 21103310807
 Date Collected: 03/30/11 Time: 1420
 Date Received: 03/31/11
 Date Extracted: 04/04/11
 Date Analyzed: 04/04/11 Time: 1952
 Dilution Factor: 1 Analyst: JEW
 Prep Method: 3510C
 Analytical Method: SW-846 8270 C
 Instrument ID: MSSV6
 Prep Batch: 453488 Analytical Batch: 453680

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
111-91-1	Bis(2-Chloroethoxy)methane	10.3	U	0.299	10.3
111-44-4	Bis(2-Chloroethyl)ether	10.3	U	0.297	10.3
108-60-1	bis(2-Chloroisopropyl)ether	10.3	U	0.265	10.3
117-81-7	bis(2-ethylhexyl)phthalate	10.3	U	0.197	10.3
85-68-7	Butylbenzylphthalate	10.3	U	0.170	10.3
86-74-8	Carbazole	10.3	U	0.239	10.3
218-01-9	Chrysene	10.3	U	0.446	10.3
84-74-2	Di-n-butylphthalate	10.3	U	0.195	10.3
117-84-0	Di-n-octylphthalate	10.3	U	0.172	10.3
53-70-3	Dibenz(a,h)anthracene	10.3	U	0.224	10.3
132-64-9	Dibenzofuran	10.3	U	0.234	10.3
84-66-2	Diethylphthalate	10.3	U	0.312	10.3
131-11-3	Dimethyl-phthalate	10.3	U	0.263	10.3
206-44-0	Fluoranthene	10.3	U	0.275	10.3
86-73-7	Fluorene	10.3	U	0.297	10.3
118-74-1	Hexachlorobenzene	10.3	U	0.257	10.3
87-68-3	Hexachlorobutadiene	10.3	U	0.198	10.3
77-47-4	Hexachlorocyclopentadiene	10.3	U	0.179	10.3
67-72-1	Hexachloroethane	10.3	U	0.308	10.3
193-39-5	Indeno(1,2,3-cd)pyrene	10.3	U	0.162	10.3
78-59-1	Isophorone	10.3	U	0.392	10.3
91-20-3	Naphthalene	10.3	U	0.302	10.3
98-95-3	Nitrobenzene	10.3	U	0.339	10.3
87-86-5	Pentachlorophenol	67.4		0.173	25.8
85-01-8	Phenanthrene	10.3	U	0.313	10.3
108-95-2	Phenol	33.4		0.155	10.3
129-00-0	Pyrene	82.4		0.501	10.3
1319-77-3M	m,p-Cresol	10.3	U	0.363	10.3
621-64-7	N-Nitroso-di-n-propylamine	76.8		0.313	10.3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.:
 SAS No.: SDG No.: 211033108
 Matrix: Water
 Sample wt/vol: 970 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS: ug/L

CAS NO. COMPOUND

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.3	U	0.375	10.3
95-48-7	o-Cresol	10.3	U	0.339	10.3

PP
04/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-MSD-1035 (GW58)
Lab Code: LA024	Contract:
SAS No.: _____	SDG No.: 211033108
Matrix: Water	Lab File ID: 2110404/b2129
Sample wt/vol: 970	Lab Sample ID: 21103310808
Units: mL	Date Collected: 03/30/11 Time: 1425
Level: (low/med) LOW	Date Received: 03/31/11
% Moisture: _____	Date Extracted: 04/04/11
GC Column: RTX-5MS-30	Date Analyzed: 04/04/11 Time: 2007
ID: .25 (mm)	Dilution Factor: 1 Analyst: JEW
Concentrated Extract Volume: 1000 (µL)	Prep Method: 3510C
Injection Volume: 1.0 (µL)	Analytical Method: SW-846 8270 C
GPC Cleanup: (Y/N) N pH: _____	Instrument ID: MSSV6

CONCENTRATION UNITS: ug/L

Prep Batch: 453488 Analytical Batch: 453680

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.3	U	0.327	10.3
88-06-2	2,4,6-Trichlorophenol	10.3	U	0.284	10.3
120-83-2	2,4-Dichlorophenol	10.3	U	0.224	10.3
105-67-9	2,4-Dimethylphenol	10.3	U	0.715	10.3
51-28-5	2,4-Dinitrophenol	25.8	U	2.68	25.8
121-14-2	2,4-Dinitrotoluene	75.7		0.271	10.3
606-20-2	2,6-Dinitrotoluene	10.3	U	0.363	10.3
91-58-7	2-Chloronaphthalene	10.3	U	0.228	10.3
95-57-8	2-Chlorophenol	67.7		0.285	10.3
91-57-6	2-Methylnaphthalene	10.3	U	0.263	10.3
88-74-4	2-Nitroaniline	25.8	U	0.204	25.8
88-75-5	2-Nitrophenol	10.3	U	0.368	10.3
91-94-1	3,3'-Dichlorobenzidine	10.3	U	0.306	10.3
99-09-2	3-Nitroaniline	25.8	U	0.233	25.8
534-52-1	2-Methyl-4,6-dinitrophenol	25.8	U	2.04	25.8
101-55-3	4-Bromophenyl-phenylether	10.3	U	0.347	10.3
59-50-7	4-Chloro-3-methylphenol	67.4		0.241	10.3
106-47-8	4-Chloroaniline	10.3	U	0.477	10.3
7005-72-3	4-Chlorophenyl-phenylether	10.3	U	0.276	10.3
100-01-6	4-Nitroaniline	25.8	U	0.228	25.8
100-02-7	4-Nitrophenol	31.2		1.89	25.8
83-32-9	Acenaphthene	73.7		0.276	10.3
208-96-8	Acenaphthylene	10.3	U	0.312	10.3
120-12-7	Anthracene	10.3	U	0.326	10.3
56-55-3	Benzo(a)anthracene	10.3	U	0.326	10.3
50-32-8	Benzo(a)pyrene	10.3	U	0.129	10.3
205-99-2	Benzo(b)fluoranthene	10.3	U	0.224	10.3
191-24-2	Benzo(g,h,i)perylene	10.3	U	0.222	10.3
207-08-9	Benzo(k)fluoranthene	10.3	U	0.243	10.3

10
W/11

1B
SEMOVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-MSD-1035 (GW58)
Lab Code: LA024	Contract:
SAS No.: _____	SDG No.: 211033108
Matrix: Water	Lab File ID: 2110404/b2129
Sample wt/vol: 970	Units: mL
Level: (low/med) LOW	Lab Sample ID: 21103310808
% Moisture: _____	Date Collected: 03/30/11 Time: 1425
GC Column: RTX-5MS-30	ID: .25 (mm)
Concentrated Extract Volume: 1000	(μ L)
Injection Volume: 1.0	(μ L)
GPC Cleanup: (Y/N) N	pH: _____

CONCENTRATION UNITS: ug/L

CAS NO. COMPOUND

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
111-91-1	Bis(2-Chloroethoxy)methane	10.3	U	0.299	10.3
111-44-4	Bis(2-Chloroethyl)ether	10.3	U	0.297	10.3
108-60-1	bis(2-Chloroisopropyl)ether	10.3	U	0.265	10.3
117-81-7	bis(2-ethylhexyl)phthalate	10.3	U	0.197	10.3
85-68-7	Butylbenzylphthalate	10.3	U	0.170	10.3
86-74-8	Carbazole	10.3	U	0.239	10.3
218-01-9	Chrysene	10.3	U	0.446	10.3
84-74-2	Di-n-butylphthalate	10.3	U	0.195	10.3
117-84-0	Di-n-octylphthalate	10.3	U	0.172	10.3
53-70-3	Dibenz(a,h)anthracene	10.3	U	0.224	10.3
132-64-9	Dibenzofuran	10.3	U	0.234	10.3
84-66-2	Diethylphthalate	10.3	U	0.312	10.3
131-11-3	Dimethyl-phthalate	10.3	U	0.263	10.3
206-44-0	Fluoranthene	10.3	U	0.275	10.3
86-73-7	Fluorene	10.3	U	0.297	10.3
118-74-1	Hexachlorobenzene	10.3	U	0.257	10.3
87-68-3	Hexachlorobutadiene	10.3	U	0.198	10.3
77-47-4	Hexachlorocyclopentadiene	10.3	U	0.179	10.3
67-72-1	Hexachloroethane	10.3	U	0.308	10.3
193-39-5	Indeno(1,2,3-cd)pyrene	10.3	U	0.162	10.3
78-59-1	Isophorone	10.3	U	0.392	10.3
91-20-3	Naphthalene	10.3	U	0.302	10.3
98-95-3	Nitrobenzene	10.3	U	0.339	10.3
87-86-5	Pentachlorophenol	60.1		0.173	25.8
85-01-8	Phenanthrene	10.3	U	0.313	10.3
108-95-2	Phenol	33.4		0.155	10.3
129-00-0	Pyrene	70.3		0.501	10.3
1319-77-3M	m,p-Cresol	10.3	U	0.363	10.3
621-64-7	N-Nitroso-di-n-propylamine	69.3		0.313	10.3

PP
6/1/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-MSD-1035 (GW58)</u>		
Lab Code: <u>LA024</u>	Contract: _____		
SAS No.: _____	SDG No.: <u>211033108</u>		
Matrix: <u>Water</u>	Lab File ID: <u>2110404/b2129</u>		
Sample wt/vol: <u>970</u>	Units: <u>mL</u>		
Level: (low/med) <u>LOW</u>	Lab Sample ID: <u>21103310808</u>		
% Moisture: _____	decanted: (Y/N) _____		
GC Column: <u>RTX-5MS-30</u>	ID: <u>.25</u> (mm)		
Concentrated Extract Volume: <u>1000</u>	(<u>µL</u>)		
Injection Volume: <u>1.0</u>	(<u>µL</u>)		
GPC Cleanup: (Y/N) <u>N</u>	pH: _____		
CONCENTRATION UNITS: ug/L			
CAS NO. COMPOUND			
RESULT	Q	MDL	RL
86-30-6 | N-Nitrosodiphenylamine	10.3	U	0.375
95-48-7 | o-Cresol	10.3	U	0.339

*MP
4/19/11*

1B
SEMICVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-SW50-1035
Lab Code: LA024	Case No.: _____
SAS No.: _____	SDG No.: 211040412
Matrix: Water	Lab Sample ID: 21104041201
Sample wt/vol: 970	Units: mL
Level: (low/med) LOW	Date Collected: 03/31/11 Time: 1215
% Moisture: _____	Decanted: (Y/N) _____
GC Column: RTX-5MS-30	ID: .25 (mm)
Concentrated Extract Volume: 1000	(μ L)
Injection Volume: 1.0	(μ L)
GPC Cleanup: (Y/N) N	pH: _____
CONCENTRATION UNITS: ug/L	

Instrument ID: MSSV6
Prep Batch: 453738 Analytical Batch: 453741

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.3	U	0.327	10.3
88-06-2	2,4,6-Trichlorophenol	10.3	U	0.284	10.3
120-83-2	2,4-Dichlorophenol	10.3	U	0.224	10.3
105-67-9	2,4-Dimethylphenol	10.3	U	0.715	10.3
51-28-5	2,4-Dinitrophenol	25.8	U	2.68	25.8
121-14-2	2,4-Dinitrotoluene	10.3	U	0.271	10.3
606-20-2	2,6-Dinitrotoluene	10.3	U	0.363	10.3
91-58-7	2-Chloronaphthalene	10.3	U	0.228	10.3
95-57-8	2-Chlorophenol	10.3	U	0.285	10.3
91-57-6	2-Methylnaphthalene	10.3	U	0.263	10.3
88-74-4	2-Nitroaniline	25.8	U	0.204	25.8
88-75-5	2-Nitrophenol	10.3	U	0.368	10.3
91-94-1	3,3'-Dichlorobenzidine	10.3	U	0.306	10.3
99-09-2	3-Nitroaniline	25.8	U	0.233	25.8
534-52-1	2-Methyl-4,6-dinitrophenol	25.8	U	2.04	25.8
101-55-3	4-Bromophenyl-phenylether	10.3	U	0.347	10.3
59-50-7	4-Chloro-3-methylphenol	10.3	U	0.241	10.3
106-47-8	4-Chloroaniline	10.3	U	0.477	10.3
7005-72-3	4-Chlorophenyl-phenylether	10.3	U	0.276	10.3
100-01-6	4-Nitroaniline	25.8	U	0.228	25.8
100-02-7	4-Nitrophenol	25.8	U	1.89	25.8
83-32-9	Acenaphthene	10.3	U	0.276	10.3
208-96-8	Acenaphthylene	10.3	U	0.312	10.3
120-12-7	Anthracene	10.3	U	0.326	10.3
56-55-3	Benzo(a)anthracene	10.3	U	0.326	10.3
50-32-8	Benzo(a)pyrene	10.3	U	0.129	10.3
205-99-2	Benzo(b)fluoranthene	10.3	U	0.224	10.3
191-24-2	Benzo(g,h,i)perylene	10.3	U	0.222	10.3
207-08-9	Benzo(k)fluoranthene	10.3	U	0.243	10.3

PP
04/09/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL		Sample ID:	SK-SW50-1035	
Lab Code:	LA024	Case No.:	Contract:		
SAS No.:			Lab File ID:	2110405/b2181	
Matrix:	Water		Lab Sample ID:	21104041201	
Sample wt/vol:	970	Units: mL	Date Collected:	03/31/11	Time: 1215
Level: (low/med)	LOW		Date Received:	04/02/11	
% Moisture:	decanted: (Y/N)		Date Extracted:	04/05/11	
GC Column:	RTX-5MS-30	ID: .25 (mm)	Date Analyzed:	04/05/11	Time: 1752
Concentrated Extract Volume:	1000 (µL)		Dilution Factor:	1	Analyst: JEW
Injection Volume:	1.0 (µL)		Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:	Analytical Method:	SW-846 8270C	

CONCENTRATION UNITS: ug/L

Prep Batch: 453738 Analytical Batch: 453741

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
111-91-1	Bis(2-Chloroethoxy)methane	10.3	U	0.299	10.3
111-44-4	Bis(2-Chloroethyl)ether	10.3	U	0.297	10.3
108-60-1	bis(2-Chloroisopropyl)ether	10.3	U	0.265	10.3
117-81-7	bis(2-ethylhexyl)phthalate	10.3	U	0.197	10.3
85-68-7	Butylbenzylphthalate	10.3	U	0.170	10.3
86-74-8	Carbazole	10.3	U	0.239	10.3
218-01-9	Chrysene	10.3	U	0.446	10.3
84-74-2	Di-n-butylphthalate	10.3	U	0.195	10.3
117-84-0	Di-n-octylphthalate	10.3	U	0.172	10.3
53-70-3	Dibenz(a,h)anthracene	10.3	U	0.224	10.3
132-64-9	Dibenzofuran	10.3	U	0.234	10.3
84-66-2	Diethylphthalate	10.3	U	0.312	10.3
131-11-3	Dimethyl-phthalate	10.3	U	0.263	10.3
206-44-0	Fluoranthene	10.3	U	0.275	10.3
86-73-7	Fluorene	10.3	U	0.297	10.3
118-74-1	Hexachlorobenzene	10.3	U	0.257	10.3
87-68-3	Hexachlorobutadiene	10.3	U	0.198	10.3
77-47-4	Hexachlorocyclopentadiene	10.3	U	0.179	10.3
67-72-1	Hexachloroethane	10.3	U	0.308	10.3
193-39-5	Indeno(1,2,3-cd)pyrene	10.3	U	0.162	10.3
78-59-1	Isophorone	10.3	U	0.392	10.3
91-20-3	Naphthalene	10.3	U	0.302	10.3
98-95-3	Nitrobenzene	10.3	U	0.339	10.3
87-86-5	Pentachlorophenol	25.8	U	0.173	25.8
85-01-8	Phenanthrene	10.3	U	0.313	10.3
108-95-2	Phenol	10.3	U	0.155	10.3
129-00-0	Pyrene	10.3	U	0.501	10.3
1319-77-3M	m,p-Cresol	10.3	U	0.363	10.3
621-64-7	N-Nitroso-di-n-propylamine	10.3	U	0.313	10.3

10
4/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-SW50-1035				
Lab Code: LA024	Case No.: _____				
SAS No.: _____	SDG No.: 211040412				
Matrix: Water	Lab Sample ID: 21104041201				
Sample wt/vol: 970	Units: mL				
Level: (low/med) LOW	Date Collected: 03/31/11 Time: 1215				
% Moisture: _____	decanted: (Y/N) _____				
GC Column: RTX-5MS-30	ID: .25 (mm)				
Concentrated Extract Volume: 1000	(μ L)				
Injection Volume: 1.0	(μ L)				
GPC Cleanup: (Y/N) N	pH: _____				
CONCENTRATION UNITS: ug/L					
CAS NO. COMPOUND					
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.3	U	0.375	10.3
95-48-7	o-Cresol	10.3	U	0.339	10.3

Mo 6/11/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-MS-1035 (SW50)</u>
Lab Code: <u>LA024</u>	Case No.: _____
SAS No.: _____	SDG No.: <u>211040412</u>
Matrix: <u>Water</u>	Contract: _____
Sample wt/vol: <u>970</u>	Units: <u>mL</u>
Level: (low/med) <u>LOW</u>	Lab File ID: <u>2110405/b2182</u>
% Moisture: _____	Lab Sample ID: <u>21104041202</u>
GC Column: <u>RTX-5MS-30</u>	Date Collected: <u>03/31/11</u> Time: <u>1220</u>
Concentrated Extract Volume: <u>1000</u> (µL)	Date Received: <u>04/02/11</u>
Injection Volume: <u>1.0</u> (µL)	Date Extracted: <u>04/05/11</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Date Analyzed: <u>04/05/11</u> Time: <u>1807</u>
Analytical Method: <u>SW-846 8270C</u>	
Instrument ID: <u>MSSV6</u>	

CONCENTRATION UNITS: ug/L

Prep Batch: 453738 Analytical Batch: 453741

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.3	U	0.327	10.3
88-06-2	2,4,6-Trichlorophenol	10.3	U	0.284	10.3
120-83-2	2,4-Dichlorophenol	10.3	U	0.224	10.3
105-87-9	2,4-Dimethylphenol	10.3	U	0.715	10.3
51-28-5	2,4-Dinitrophenol	25.8	U	2.68	25.8
121-14-2	2,4-Dinitrotoluene	90.5		0.271	10.3
606-20-2	2,6-Dinitrotoluene	10.3	U	0.363	10.3
91-58-7	2-Chloronaphthalene	10.3	U	0.228	10.3
95-57-8	2-Chlorophenol	69.9		0.285	10.3
91-57-6	2-Methylnaphthalene	10.3	U	0.263	10.3
88-74-4	2-Nitroaniline	25.8	U	0.204	25.8
88-75-5	2-Nitrophenol	10.3	U	0.368	10.3
91-94-1	3,3'-Dichlorobenzidine	10.3	U	0.306	10.3
99-09-2	3-Nitroaniline	25.8	U	0.233	25.8
534-52-1	2-Methyl-4,6-dinitrophenol	25.8	U	2.04	25.8
101-55-3	4-Bromophenyl-phenylether	10.3	U	0.347	10.3
59-50-7	4-Chloro-3-methylphenol	71.7		0.241	10.3
106-47-8	4-Chloroaniline	10.3	U	0.477	10.3
7005-72-3	4-Chlorophenyl-phenylether	10.3	U	0.276	10.3
100-01-6	4-Nitroaniline	25.8	U	0.228	25.8
100-02-7	4-Nitrophenol	18.3	J	1.89	25.8
83-32-9	Acenaphthene	89.9		0.276	10.3
208-96-8	Acenaphthylene	10.3	U	0.312	10.3
120-12-7	Anthracene	10.3	U	0.326	10.3
56-55-3	Benzo(a)anthracene	10.3	U	0.326	10.3
50-32-8	Benzo(a)pyrene	10.3	U	0.129	10.3
205-99-2	Benzo(b)fluoranthene	10.3	U	0.224	10.3
191-24-2	Benzo(g,h,i)perylene	10.3	U	0.222	10.3
207-08-9	Benzo(k)fluoranthene	10.3	U	0.243	10.3

PP
6/1/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-MS-1035 (SW50)
Lab Code: LA024	Case No.: _____
SAS No.: _____	SDG No.: 211040412
Matrix: Water	Lab File ID: 2110405/b2182
Sample wt/vol: 970	Units: mL
Level: (low/med) LOW	Lab Sample ID: 21104041202
% Moisture: _____	Date Collected: 03/31/11 Time: 1220
GC Column: RTX-5MS-30	Date Received: 04/02/11
Concentrated Extract Volume: 1000	Date Extracted: 04/05/11
Injection Volume: 1.0	Date Analyzed: 04/05/11 Time: 1807
GPC Cleanup: (Y/N) N	Dilution Factor: 1 Analyst: JEW
pH: _____	Prep Method: 3510C
Analytical Method: SW-846 8270C	
Instrument ID: MSSV6	
Prep Batch: 453738 Analytical Batch: 453741	

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
111-91-1	Bis(2-Chloroethoxy)methane	10.3	U	0.299	10.3
111-44-4	Bis(2-Chloroethyl)ether	10.3	U	0.297	10.3
108-60-1	bis(2-Chloroisopropyl)ether	10.3	U	0.265	10.3
117-81-7	bis(2-ethylhexyl)phthalate	10.3	U	0.197	10.3
85-68-7	Butylbenzylphthalate	10.3	U	0.170	10.3
86-74-8	Carbazole	10.3	U	0.239	10.3
218-01-9	Chrysene	10.3	U	0.446	10.3
84-74-2	Di-n-butylphthalate	10.3	U	0.195	10.3
117-84-0	Di-n-octylphthalate	10.3	U	0.172	10.3
53-70-3	Dibenz(a,h)anthracene	10.3	U	0.224	10.3
132-64-9	Dibenzofuran	10.3	U	0.234	10.3
84-66-2	Diethylphthalate	10.3	U	0.312	10.3
131-11-3	Dimethyl-phthalate	10.3	U	0.263	10.3
206-44-0	Fluoranthene	10.3	U	0.275	10.3
86-73-7	Fluorene	10.3	U	0.297	10.3
118-74-1	Hexachlorobenzene	10.3	U	0.257	10.3
87-68-3	Hexachlorobutadiene	10.3	U	0.198	10.3
77-47-4	Hexachlorocyclopentadiene	10.3	U	0.179	10.3
67-72-1	Hexachloroethane	10.3	U	0.308	10.3
193-39-5	Indeno(1,2,3-cd)pyrene	10.3	U	0.162	10.3
78-59-1	Isophorone	10.3	U	0.392	10.3
91-20-3	Naphthalene	10.3	U	0.302	10.3
98-95-3	Nitrobenzene	10.3	U	0.339	10.3
87-86-5	Pentachlorophenol	61.8		0.173	25.8
85-01-8	Phenanthrene	10.3	U	0.313	10.3
108-95-2	Phenol	22.9		0.155	10.3
129-00-0	Pyrene	86.0		0.501	10.3
1319-77-3M	m,p-Cresol	10.3	U	0.363	10.3
621-64-7	N-Nitroso-di-n-propylamine	73.4		0.313	10.3

PL
6/1/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-MS-1035 (SW50)</u>				
Lab Code: <u>LA024</u>	Case No.: _____				
SAS No.: _____	SDG No.: <u>211040412</u>				
Matrix: <u>Water</u>	Contract: _____				
Sample wt/vol: <u>970</u>	Units: <u>mL</u>				
Level: (low/med) <u>LOW</u>	Lab File ID: <u>2110405/b2182</u>				
% Moisture: _____	Lab Sample ID: <u>21104041202</u>				
GC Column: <u>RTX-5MS-30</u>	Date Collected: <u>03/31/11</u> Time: <u>1220</u>				
Concentrated Extract Volume: <u>1000</u> (<u>µL</u>)	Date Received: <u>04/02/11</u>				
Injection Volume: <u>1.0</u> (<u>µL</u>)	Date Extracted: <u>04/05/11</u>				
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Date Analyzed: <u>04/05/11</u> Time: <u>1807</u>				
CONCENTRATION UNITS: <u>ug/L</u>					
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.3	U	0.375	10.3
95-48-7	o-Cresol	10.3	U	0.339	10.3

PD
4/9/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL			Sample ID:	SK-MSD-1035 (SW50)	
Lab Code:	LA024	Case No.:		Contract:		
SAS No.:		SDG No.:	211040412	Lab File ID:	2110405/b2183	
Matrix:	Water			Lab Sample ID:	21104041203	
Sample wt/vol:	970	Units:	mL	Date Collected:	03/31/11	Time: 1425
Level: (low/med)	LOW			Date Received:	04/02/11	
% Moisture:	decanted: (Y/N)			Date Extracted:	04/05/11	
GC Column:	RTX-5MS-30	ID:	.25 (mm)	Date Analyzed:	04/05/11	Time: 1822
Concentrated Extract Volume:	1000	(μ L)		Dilution Factor:	1	Analyst: JEW
Injection Volume:	1.0	(μ L)		Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:		Analytical Method:	SW-846 8270 C	
CONCENTRATION UNITS: ug/L						
Instrument ID: MSSV6						
Prep Batch: 453738 Analytical Batch: 453741						

CAS NO.

COMPOUND

RESULT

Q

MDL

RL

95-95-4	2,4,5-Trichlorophenol	10.3	U	0.327	10.3
88-06-2	2,4,6-Trichlorophenol	10.3	U	0.284	10.3
120-83-2	2,4-Dichlorophenol	10.3	U	0.224	10.3
105-67-9	2,4-Dimethylphenol	10.3	U	0.715	10.3
51-28-5	2,4-Dinitrophenol	25.8	U	2.68	25.8
121-14-2	2,4-Dinitrotoluene	99.5		0.271	10.3
606-20-2	2,6-Dinitrotoluene	10.3	U	0.363	10.3
91-58-7	2-Chloronaphthalene	10.3	U	0.228	10.3
95-57-8	2-Chlorophenol	76.8		0.285	10.3
91-57-6	2-Methylnaphthalene	10.3	U	0.263	10.3
88-74-4	2-Nitroaniline	25.8	U	0.204	25.8
88-75-5	2-Nitrophenol	10.3	U	0.368	10.3
91-94-1	3,3'-Dichlorobenzidine	10.3	U	0.306	10.3
99-09-2	3-Nitroaniline	25.8	U	0.233	25.8
534-52-1	2-Methyl-4,6-dinitrophenol	25.8	U	2.04	25.8
101-55-3	4-Bromophenyl-phenylether	10.3	U	0.347	10.3
59-50-7	4-Chloro-3-methylphenol	81.7		0.241	10.3
106-47-8	4-Chloroaniline	10.3	U	0.477	10.3
7005-72-3	4-Chlorophenyl-phenylether	10.3	U	0.276	10.3
100-01-6	4-Nitroaniline	25.8	U	0.228	25.8
100-02-7	4-Nitrophenol	22.1	J	1.89	25.8
83-32-9	Acenaphthene	101		0.276	10.3
208-96-8	Acenaphthylene	10.3	U	0.312	10.3
120-12-7	Anthracene	10.3	U	0.326	10.3
56-55-3	Benzo(a)anthracene	10.3	U	0.326	10.3
50-32-8	Benzo(a)pyrene	10.3	U	0.129	10.3
205-99-2	Benzo(b)fluoranthene	10.3	U	0.224	10.3
191-24-2	Benzo(g,h,i)perylene	10.3	U	0.222	10.3
207-08-9	Benzo(k)fluoranthene	10.3	U	0.243	10.3

μ
ula/11

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-MSD-1035 (SW50)		
Lab Code: LA024	Contract:		
SAS No.: _____	SDG No.: 211040412	Lab File ID: 2110405/b2183	
Matrix: Water	Lab Sample ID: 21104041203		
Sample wt/vol: 970	Units: mL	Date Collected: 03/31/11	Time: 1425
Level: (low/med) LOW		Date Received: 04/02/11	
% Moisture: _____	decanted: (Y/N) _____	Date Extracted: 04/05/11	
GC Column: RTX-5MS-30	ID: .25 (mm)	Date Analyzed: 04/05/11	Time: 1822
Concentrated Extract Volume: 1000	(μ L)	Dilution Factor: 1	Analyst: JEW
Injection Volume: 1.0	(μ L)	Prep Method: 3510C	
GPC Cleanup: (Y/N) N	pH: _____	Analytical Method: SW-846 8270C	

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
111-91-1	Bis(2-Chloroethoxy)methane	10.3	U	0.299	10.3
111-44-4	Bis(2-Chloroethyl)ether	10.3	U	0.297	10.3
108-60-1	bis(2-Chloroisopropyl)ether	10.3	U	0.265	10.3
117-81-7	bis(2-ethylhexyl)phthalate	10.3	U	0.197	10.3
85-68-7	Butylbenzylphthalate	10.3	U	0.170	10.3
86-74-8	Carbazole	10.3	U	0.239	10.3
218-01-9	Chrysene	10.3	U	0.446	10.3
84-74-2	Di-n-butylphthalate	10.3	U	0.195	10.3
117-84-0	Di-n-octylphthalate	10.3	U	0.172	10.3
53-70-3	Dibenz(a,h)anthracene	10.3	U	0.224	10.3
132-64-9	Dibenzofuran	10.3	U	0.234	10.3
84-66-2	Diethylphthalate	10.3	U	0.312	10.3
131-11-3	Dimethyl-phthalate	10.3	U	0.263	10.3
206-44-0	Fluoranthene	10.3	U	0.275	10.3
86-73-7	Fluorene	10.3	U	0.297	10.3
118-74-1	Hexachlorobenzene	10.3	U	0.257	10.3
87-68-3	Hexachlorobutadiene	10.3	U	0.198	10.3
77-47-4	Hexachlorocyclopentadiene	10.3	U	0.179	10.3
67-72-1	Hexachloroethane	10.3	U	0.308	10.3
193-39-5	Indeno(1,2,3-cd)pyrene	10.3	U	0.162	10.3
78-59-1	Isophorone	10.3	U	0.392	10.3
91-20-3	Naphthalene	10.3	U	0.302	10.3
98-95-3	Nitrobenzene	10.3	U	0.339	10.3
87-86-5	Pentachlorophenol	71.8		0.173	25.8
85-01-8	Phenanthrene	10.3	U	0.313	10.3
108-95-2	Phenol	25.4		0.155	10.3
129-00-0	Pyrene	100		0.501	10.3
1319-77-3M	m,p-Cresol	10.3	U	0.363	10.3
621-64-7	N-Nitroso-di-n-propylamine	81.4		0.313	10.3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL			Sample ID:	SK-MSD-1035 (SW50)		
Lab Code:	LA024	Case No.:		Contract:			
SAS No.:		SDG No.:	211040412	Lab File ID:	2110405/b2183		
Matrix:	Water			Lab Sample ID:	21104041203		
Sample wt/vol:	970	Units:	mL	Date Collected:	03/31/11	Time:	1425
Level: (low/med)	LOW			Date Received:	04/02/11		
% Moisture:	decanted: (Y/N)			Date Extracted:	04/05/11		
GC Column:	RTX-5MS-30	ID:	.25 (mm)	Date Analyzed:	04/05/11	Time:	1822
Concentrated Extract Volume:	1000	*	(μ L)	Dilution Factor:	1	Analyst:	JEW
Injection Volume:	1.0	*	(μ L)	Prep Method:	3510C		
GPC Cleanup: (Y/N)	N	pH:		Analytical Method:	SW-846 8270C		
CONCENTRATION UNITS: ug/L				Instrument ID:	MSSV6		
CAS NO. COMPOUND				RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine			10.3	U	0.375	10.3
95-48-7	o-Cresol			10.3	U	0.339	10.3

M
6/9/11

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-SW52-1035</u>
Lab Code: <u>LA024</u>	Case No.: _____
Matrix: <u>Water</u>	Contract: _____
Sample wt/vol: <u>990</u>	Units: <u>mL</u>
Level: (low/med) <u>LOW</u>	SAS No.: _____ SDG No.: <u>211033023</u>
% Moisture: _____	Lab Sample ID: <u>21103302301</u>
GC Column: <u>RTX-35MS-3</u>	Date Collected: <u>03/29/11</u> Time: <u>1245</u>
Concentrated Extract Volume: <u>10000</u> (<u>µL</u>)	Date Received: <u>03/30/11</u>
Soil Aliquot Volume: _____ (<u>µL</u>)	Date Extracted: <u>03/30/11</u>
Injection Volume: <u>1</u> (<u>µL</u>)	Date Analyzed: <u>04/01/11</u> Time: <u>1928</u>
GPC Cleanup: (Y/N) <u>N</u>	Dilution Factor: <u>1</u> Analyst: <u>TLS</u>
Prep Batch: <u>453404</u>	Prep Method: <u>3510C</u>
Analytical Method: <u>SW-846 8081B</u>	
Sulfur Cleanup: (Y/N) <u>N</u> Instrument ID: <u>GCS16A</u>	
Lab File ID: <u>2110401/sv16a031</u>	

CAS NO. COMPOUND

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.101	U	0.00424	0.101
72-55-9	4,4'-DDE	0.101	U	0.00343	0.101
50-29-3	4,4'-DDT	0.101	U	0.00394	0.101
309-00-2	Aldrin	0.051	U	0.00384	0.051
60-57-1	Dieldrin	0.101	U	0.00384	0.101
959-98-8	Endosulfan I	0.051	U	0.00303	0.051
33213-65-9	Endosulfan II	0.101	U	0.00384	0.101
1031-07-8	Endosulfan sulfate	0.101	U	0.00404	0.101
72-20-8	Endrin	0.101	U	0.00354	0.101
7421-93-4	Endrin aldehyde	0.101	U	0.00495	0.101
53494-70-5	Endrin ketone	0.101	U	0.00384	0.101
76-44-8	Heptachlor	0.051	U	0.00354	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.00404	0.051
72-43-5	Methoxychlor	0.505	U	0.00444	0.505
8001-35-2	Toxaphene	5.05	U	0.556	5.05
319-84-6	alpha-BHC	0.051	U	0.00384	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.00354	0.051
319-85-7	beta-BHC	0.051	U	0.00444	0.051
319-86-8	delta-BHC	0.051	U	0.00354	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.00364	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.00404	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 Matrix: Water
 Sample wt/vol: 990 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-35MS-3 ID: .25 (mm)
 Concentrated Extract Volume: 10000 (µL)
 Soil Aliquot Volume: _____ (µL)
 Injection Volume: 1 (µL)
 GPC Cleanup: (Y/N) N pH: _____
 Prep Batch: 453404 Analytical Batch: 453656
 CONCENTRATION UNITS: ug/L

Sample ID: SK-FD-1035 (SW52)
 Contract: _____
 SAS No.: _____ SDG No.: 211033023
 Lab Sample ID: 21103302302
 Date Collected: 03/29/11 Time: 1250
 Date Received: 03/30/11
 Date Extracted: 03/30/11
 Date Analyzed: 04/01/11 Time: 1947
 Dilution Factor: 1 Analyst: TLS
 Prep Method: 3510C
 Analytical Method: SW-846 8081B
 Sulfur Cleanup: (Y/N) N Instrument ID: GCS16A
 Lab File ID: 2110401/sv16a032

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.101	U	0.00424	0.101
72-55-9	4,4'-DDE	0.101	U	0.00343	0.101
50-29-3	4,4'-DDT	0.101	U	0.00394	0.101
309-00-2	Aldrin	0.051	U	0.00384	0.051
60-57-1	Dieldrin	0.101	U	0.00384	0.101
959-98-8	Endosulfan I	0.051	U	0.00303	0.051
33213-65-9	Endosulfan II	0.101	U	0.00384	0.101
1031-07-8	Endosulfan sulfate	0.101	U	0.00404	0.101
72-20-8	Endrin	0.101	U	0.00354	0.101
7421-93-4	Endrin aldehyde	0.101	U	0.00495	0.101
53494-70-5	Endrin ketone	0.101	U	0.00384	0.101
76-44-8	Heptachlor	0.051	U	0.00354	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.00404	0.051
72-43-5	Methoxychlor	0.505	U	0.00444	0.505
8001-35-2	Toxaphene	5.05	U	0.556	5.05
319-84-6	alpha-BHC	0.051	U	0.00384	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.00354	0.051
319-85-7	beta-BHC	0.051	U	0.00444	0.051
319-86-8	delta-BHC	0.051	U	0.00354	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.00364	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.00404	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL		Sample ID:	SK-GW65-1035	
Lab Code:	LA024	Case No.:	Contract:		
Matrix:	Water		SAS No.:	SDG No.: 211033108	
Sample wt/vol:	980	Units: ml	Lab Sample ID:	21103310801	
Level: (low/med)	LOW		Date Collected:	03/30/11	Time: 0920
% Moisture:	decanted: (Y/N)		Date Received:	03/31/11	
GC Column:	RTX-35MS-3	ID: .25 (mm)	Date Extracted:	04/04/11	
Concentrated Extract Volume:	10000	(μL)	Date Analyzed:	04/05/11	Time: 1247
Soil Aliquot Volume:	(μL)		Dilution Factor:	1	Analyst: TLS
Injection Volume:	1	(μL)	Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:	Analytical Method:	SW-846 8081B	
Prep Batch:	453496	Analytical Batch:	453759	Sulfur Cleanup: (Y/N)	N
CONCENTRATION UNITS: ug/L			Instrument ID:	GCS16A	
			Lab File ID:	2110405/sv16a017	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.102	U	0.00429	0.102
72-55-9	4,4'-DDE	0.102	U	0.00347	0.102
50-29-3	4,4'-DDT	0.102	U	0.00398	0.102
309-00-2	Aldrin	0.051	U	0.00388	0.051
60-57-1	Dieldrin	0.102	U	0.00388	0.102
959-98-8	Endosulfan I	0.051	U	0.00306	0.051
33213-65-9	Endosulfan II	0.102	U	0.00388	0.102
1031-07-8	Endosulfan sulfate	0.102	U	0.00408	0.102
72-20-8	Endrin	0.102	U	0.00357	0.102
7421-93-4	Endrin aldehyde	0.102	U	0.00500	0.102
53494-70-5	Endrin ketone	0.102	U	0.00388	0.102
76-44-8	Heptachlor	0.051	U	0.00357	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.00408	0.051
72-43-5	Methoxychlor	0.510	U	0.00449	0.510
8001-35-2	Toxaphene	5.10	U	0.561	5.10
319-84-6	alpha-BHC	0.051	U	0.00388	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.00357	0.051
319-85-7	beta-BHC	0.051	U	0.00449	0.051
319-86-8	delta-BHC	0.051	U	0.00357	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.00367	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.00408	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL		Sample ID:	SK-GW63-1035	
Lab Code:	LA024	Case No.:	Contract:		
Matrix:	Water		SAS No.:	SDG No.: 211033108	
Sample wt/vol:	980	Units: mL	Lab Sample ID: 21103310802		
Level: (low/med)	LOW		Date Collected:	03/30/11	Time: 1000
% Moisture:	decanted: (Y/N)		Date Received:	03/31/11	
GC Column:	RTX-35MS-3	ID: .25 (mm)	Date Extracted:	04/05/11	
Concentrated Extract Volume:	10000 (µL)		Date Analyzed:	04/06/11	Time: 1907
Soil Aliquot Volume:	(µL)		Dilution Factor:	1	Analyst: TLS
Injection Volume:	1	(µL)	Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:	Analytical Method:	SW-846 8081B	
Prep Batch:	453684	Analytical Batch:	453911	Sulfur Cleanup: (Y/N)	N Instrument ID: GCS16A
CONCENTRATION UNITS:	ug/L		Lab File ID:	2110406/sv16a025	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.102	U	0.00429	0.102
72-55-9	4,4'-DDE	0.102	U	0.00347	0.102
50-29-3	4,4'-DDT	0.102	U	0.00398	0.102
309-00-2	Aldrin	0.051	U	0.00388	0.051
60-57-1	Dieldrin	0.102	U	0.00388	0.102
959-98-8	Endosulfan I	0.051	U	0.00306	0.051
33213-65-9	Endosulfan II	0.102	U	0.00388	0.102
1031-07-8	Endosulfan sulfate	0.102	U	0.00408	0.102
72-20-8	Endrin	0.102	U	0.00357	0.102
7421-93-4	Endrin aldehyde	0.102	U	0.00500	0.102
53494-70-5	Endrin ketone	0.102	U	0.00388	0.102
76-44-8	Heptachlor	0.051	U	0.00357	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.00408	0.051
72-43-5	Methoxychlor	0.510	U	0.00449	0.510
8001-35-2	Toxaphene	5.10	U	0.561	5.10
319-84-6	alpha-BHC	0.051	U	0.00388	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.00357	0.051
319-85-7	beta-BHC	0.051	U	0.00449	0.051
319-86-8	delta-BHC	0.051	U	0.00357	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.00367	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.00408	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL		Sample ID:	SK-GW61-1035	
Lab Code:	LA024	Case No.:	Contract:		
Matrix:	Water		SAS No.:	SDG No.: 211033108	
Sample wt/vol:	960	Units: ml	Lab Sample ID:	21103310803	
Level: (low/med)	LOW		Date Collected:	03/30/11	Time: 1050
% Moisture:	decanted: (Y/N)		Date Received:	03/31/11	
GC Column:	RTX-35MS-3	ID: .25 (mm)	Date Extracted:	04/04/11	
Concentrated Extract Volume:	10000 (µL)		Date Analyzed:	04/05/11	Time: 1324
Soil Aliquot Volume:	(µL)		Dilution Factor:	1	Analyst: TLS
Injection Volume:	1	(µL)	Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:	Analytical Method:	SW-846 8081B	
Prep Batch:	453496	Analytical Batch:	453759	Sulfur Cleanup: (Y/N)	N Instrument ID: GCS16A
CONCENTRATION UNITS: ug/L			Lab File ID:	2110405/sv16a019	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.104	U	0.00438	0.104
72-55-9	4,4'-DDE	0.104	U	0.00354	0.104
50-29-3	4,4'-DDT	0.104	U	0.00406	0.104
309-00-2	Aldrin	0.052	U	0.00396	0.052
60-57-1	Dieldrin	0.104	U	0.00396	0.104
959-98-8	Endosulfan I	0.052	U	0.00313	0.052
33213-65-9	Endosulfan II	0.104	U	0.00396	0.104
1031-07-8	Endosulfan sulfate	0.104	U	0.00417	0.104
72-20-8	Endrin	0.104	U	0.00365	0.104
7421-93-4	Endrin aldehyde	0.104	U	0.00510	0.104
53494-70-5	Endrin ketone	0.104	U	0.00396	0.104
76-44-8	Heptachlor	0.052	U	0.00365	0.052
1024-57-3	Heptachlor epoxide	0.052	U	0.00417	0.052
72-43-5	Methoxychlor	0.521	U	0.00458	0.521
8001-35-2	Toxaphene	5.21	U	0.573	5.21
319-84-6	alpha-BHC	0.052	U	0.00396	0.052
5103-71-9	alpha-Chlordane	0.052	U	0.00365	0.052
319-85-7	beta-BHC	0.052	U	0.00458	0.052
319-86-8	delta-BHC	0.052	U	0.00365	0.052
58-89-9	gamma-BHC (Lindane)	0.052	U	0.00375	0.052
5103-74-2	gamma-Chlordane	0.052	U	0.00417	0.052

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL		Sample ID:	SK-GW59-1035	
Lab Code:	LA024	Case No.:	Contract:		
Matrix:	Water		SAS No.:	SDG No.: 211033108	
Sample wt/vol:	960	Units: mL	Lab Sample ID:	21103310804	
Level: (low/med)	LOW		Date Collected:	03/30/11	Time: 1320
% Moisture:	decanted: (Y/N)		Date Received:	03/31/11	
GC Column:	RTX-35MS-3	ID: .25 (mm)	Date Extracted:	04/04/11	
Concentrated Extract Volume:	10000	(μL)	Date Analyzed:	04/05/11	Time: 1342
Soil Aliquot Volume:	(μL)		Dilution Factor:	1	Analyst: TLS
Injection Volume:	1	(μL)	Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:	Analytical Method:	SW-846 8081B	
Prep Batch:	453496	Analytical Batch:	453759	Sulfur Cleanup: (Y/N)	N Instrument ID: GCS16A
CONCENTRATION UNITS: ug/L			Lab File ID:	2110405/sv16a020	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.104	U	0.00438	0.104
72-55-9	4,4'-DDE	0.104	U	0.00354	0.104
50-29-3	4,4'-DDT	0.104	U	0.00406	0.104
309-00-2	Aldrin	0.052	U	0.00396	0.052
60-57-1	Dieldrin	0.104	U	0.00396	0.104
959-98-8	Endosulfan I	0.052	U	0.00313	0.052
33213-65-9	Endosulfan II	0.104	U	0.00396	0.104
1031-07-8	Endosulfan sulfate	0.104	U	0.00417	0.104
72-20-8	Endrin	0.104	U	0.00365	0.104
7421-93-4	Endrin aldehyde	0.104	U	0.00510	0.104
53494-70-5	Endrin ketone	0.104	U	0.00396	0.104
76-44-8	Heptachlor	0.052	U	0.00365	0.052
1024-57-3	Heptachlor epoxide	0.052	U	0.00417	0.052
72-43-5	Methoxychlor	0.521	U	0.00458	0.521
8001-35-2	Toxaphene	5.21	U	0.573	5.21
319-84-6	alpha-BHC	0.052	U	0.00396	0.052
5103-71-9	alpha-Chlordane	0.052	U	0.00365	0.052
319-85-7	beta-BHC	0.052	U	0.00458	0.052
319-86-8	delta-BHC	0.052	U	0.00365	0.052
58-89-9	gamma-BHC (Lindane)	0.052	U	0.00375	0.052
5103-74-2	gamma-Chlordane	0.052	U	0.00417	0.052

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL		Sample ID:	SK-FD-1035 (GW59)	
Lab Code:	LA024	Case No.:	Contract:		
Matrix:	Water		SAS No.:	SDG No.: 211033108	
Sample wt/vol:	980	Units: mL	Lab Sample ID:	21103310805	
Level: (low/med)	LOW		Date Collected:	03/30/11	Time: 1330
% Moisture:	decanted: (Y/N)		Date Received:	03/31/11	
GC Column:	RTX-35MS-3	ID: .25 (mm)	Date Extracted:	04/04/11	
Concentrated Extract Volume:	10000 (µL)		Date Analyzed:	04/05/11	Time: 1400
Soil Aliquot Volume:	(µL)		Dilution Factor:	1 Analyst: TLS	
Injection Volume:	1 (µL)		Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:	Analytical Method:	SW-846 8081B	
Prep Batch:	453496	Analytical Batch:	453759	Sulfur Cleanup: (Y/N)	N Instrument ID: GCS16A
CONCENTRATION UNITS:	ug/L		Lab File ID:	2110405/sv16a021	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.102	U	0.00429	0.102
72-55-9	4,4'-DDE	0.102	U	0.00347	0.102
50-29-3	4,4'-DDT	0.102	U	0.00398	0.102
309-00-2	Aldrin	0.051	U	0.00388	0.051
60-57-1	Dieldrin	0.102	U	0.00388	0.102
959-98-8	Endosulfan I	0.051	U	0.00306	0.051
33213-65-9	Endosulfan II	0.102	U	0.00388	0.102
1031-07-8	Endosulfan sulfate	0.102	U	0.00408	0.102
72-20-8	Endrin	0.102	U	0.00357	0.102
7421-93-4	Endrin aldehyde	0.102	U	0.00500	0.102
53494-70-5	Endrin ketone	0.102	U	0.00388	0.102
76-44-8	Heptachlor	0.051	U	0.00357	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.00408	0.051
72-43-5	Methoxychlor	0.510	U	0.00449	0.510
8001-35-2	Toxaphene	5.10	U	0.561	5.10
319-84-6	alpha-BHC	0.051	U	0.00388	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.00357	0.051
319-85-7	beta-BHC	0.051	U	0.00449	0.051
319-86-8	delta-BHC	0.051	U	0.00357	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.00367	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.00408	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL		Sample ID:	SK-GW58-1035	
Lab Code:	LA024	Case No.:	Contract:		
Matrix:	Water		SAS No.:	SDG No.: 211033108	
Sample wt/vol:	950	Units: mL	Lab Sample ID:	21103310806	
Level: (low/med)	LOW		Date Collected:	03/30/11	Time: 1415
% Moisture:	decanted: (Y/N)		Date Received:	03/31/11	
GC Column:	RTX-35MS-3	ID: .25 (mm)	Date Extracted:	04/04/11	
Concentrated Extract Volume:	10000	(μL)	Date Analyzed:	04/05/11	Time: 1419
Soil Aliquot Volume:	(μL)		Dilution Factor:	1	Analyst: TLS
Injection Volume:	1	(μL)	Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:	Analytical Method:	SW-846 8081B	
Prep Batch:	453496	Analytical Batch:	453759	Sulfur Cleanup: (Y/N)	N Instrument ID: GCS16A
CONCENTRATION UNITS:	ug/L		Lab File ID:	2110405/sv16a022	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.105	U	0.00442	0.105
72-55-9	4,4'-DDE	0.105	U	0.00358	0.105
50-29-3	4,4'-DDT	0.105	U	0.00411	0.105
309-00-2	Aldrin	0.053	U	0.00400	0.053
60-57-1	Dieldrin	0.105	U	0.00400	0.105
959-98-8	Endosulfan I	0.053	U	0.00316	0.053
33213-65-9	Endosulfan II	0.105	U	0.00400	0.105
1031-07-8	Endosulfan sulfate	0.105	U	0.00421	0.105
72-20-8	Endrin	0.105	U	0.00368	0.105
7421-93-4	Endrin aldehyde	0.105	U	0.00516	0.105
53494-70-5	Endrin ketone	0.105	U	0.00400	0.105
76-44-8	Heptachlor	0.053	U	0.00368	0.053
1024-57-3	Heptachlor epoxide	0.053	U	0.00421	0.053
72-43-5	Methoxychlor	0.526	U	0.00463	0.526
8001-35-2	Toxaphene	5.26	U	0.579	5.26
319-84-6	alpha-BHC	0.053	U	0.00400	0.053
5103-71-9	alpha-Chlordane	0.053	U	0.00368	0.053
319-85-7	beta-BHC	0.053	U	0.00463	0.053
319-86-8	delta-BHC	0.053	U	0.00368	0.053
58-89-9	gamma-BHC (Lindane)	0.053	U	0.00379	0.053
5103-74-2	gamma-Chlordane	0.053	U	0.00421	0.053

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL		Sample ID:	SK-MS-1035 (GW58)	
Lab Code:	LA024	Case No.:	Contract:		
Matrix:	Water		SAS No.:	SDG No.: 211033108	
Sample wt/vol:	990	Units: mL	Lab Sample ID:	21103310807	
Level: (low/med)	LOW		Date Collected:	03/30/11	Time: 1420
% Moisture:	decanted: (Y/N)		Date Received:	03/31/11	
GC Column:	RTX-35MS-3	ID: .25 (mm)	Date Extracted:	04/04/11	
Concentrated Extract Volume:	10000	(μL)	Date Analyzed:	04/05/11	Time: 1437
Soil Aliquot Volume:	(μL)		Dilution Factor:	1	Analyst: TLS
Injection Volume:	1	(μL)	Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:	Analytical Method:	SW-846 8081B	
Prep Batch:	453496	Analytical Batch:	453759	Sulfur Cleanup: (Y/N)	N Instrument ID: GCS16A
CONCENTRATION UNITS: ug/L			Lab File ID:	2110405/sv16a023	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.430		0.00424	0.101
72-55-9	4,4'-DDE	0.394		0.00343	0.101
50-29-3	4,4'-DDT	0.407		0.00394	0.101
309-00-2	Aldrin	0.362		0.00384	0.051
60-57-1	Dieldrin	0.425		0.00384	0.101
959-98-8	Endosulfan I	0.440		0.00303	0.051
33213-65-9	Endosulfan II	0.434		0.00384	0.101
1031-07-8	Endosulfan sulfate	0.436		0.00404	0.101
72-20-8	Endrin	0.443		0.00354	0.101
7421-93-4	Endrin aldehyde	0.424		0.00495	0.101
53494-70-5	Endrin ketone	0.411		0.00384	0.101
76-44-8	Heptachlor	0.376		0.00354	0.051
1024-57-3	Heptachlor epoxide	0.432		0.00404	0.051
72-43-5	Methoxychlor	0.431	J	0.00444	0.505
8001-35-2	Toxaphene	5.05	U	0.556	5.05
319-84-6	alpha-BHC	0.418		0.00384	0.051
5103-71-9	alpha-Chlordane	0.418		0.00354	0.051
319-85-7	beta-BHC	0.424		0.00444	0.051
319-86-8	delta-BHC	0.430		0.00354	0.051
58-89-9	gamma-BHC (Lindane)	0.410		0.00364	0.051
5103-74-2	gamma-Chlordane	0.414		0.00404	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL		Sample ID:	SK-MSD-1035 (GW58)	
Lab Code:	LA024	Case No.:	Contract:		
Matrix:	Water		SAS No.:	SDG No.: 211033108	
Sample wt/vol:	990	Units: mL	Lab Sample ID:	21103310808	
Level: (low/med)	LOW		Date Collected:	03/30/11	Time: 1425
% Moisture:	decanted: (Y/N)		Date Received:	03/31/11	
GC Column:	RTX-35MS-3	ID: .25 (mm)	Date Extracted:	04/04/11	
Concentrated Extract Volume:	10000 (µL)		Date Analyzed:	04/05/11	Time: 1455
Soil Aliquot Volume:	(µL)		Dilution Factor:	1	Analyst: TLS
Injection Volume:	1 (µL)		Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:	Analytical Method:	SW-846 8081B	
Prep Batch:	453496	Analytical Batch:	453759	Sulfur Cleanup: (Y/N)	N Instrument ID: GCS16A
CONCENTRATION UNITS:	ug/L		Lab File ID:	2110405/sv16a024	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.386		0.00424	0.101
72-55-9	4,4'-DDE	0.354		0.00343	0.101
50-29-3	4,4'-DDT	0.360		0.00394	0.101
309-00-2	Aldrin	0.344		0.00384	0.051
60-57-1	Dieldrin	0.380		0.00384	0.101
959-98-8	Endosulfan I	0.394		0.00303	0.051
33213-65-9	Endosulfan II	0.389		0.00384	0.101
1031-07-8	Endosulfan sulfate	0.393		0.00404	0.101
72-20-8	Endrin	0.394		0.00354	0.101
7421-93-4	Endrin aldehyde	0.378		0.00495	0.101
53494-70-5	Endrin ketone	0.368		0.00384	0.101
76-44-8	Heptachlor	0.355		0.00354	0.051
1024-57-3	Heptachlor epoxide	0.386		0.00404	0.051
72-43-5	Methoxychlor	0.386	J	0.00444	0.505
8001-35-2	Toxaphene	5.05	U	0.556	5.05
319-84-6	alpha-BHC	0.374		0.00384	0.051
5103-71-9	alpha-Chlordane	0.384		0.00354	0.051
319-85-7	beta-BHC	0.379		0.00444	0.051
319-86-8	delta-BHC	0.384		0.00354	0.051
58-89-9	gamma-BHC (Lindane)	0.368		0.00364	0.051
5103-74-2	gamma-Chlordane	0.383		0.00404	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL		Sample ID:	SK-GW07R-1035	
Lab Code:	LA024	Case No.:	Contract:		
Matrix:	Water		SAS No.:	SDG No.: 211040411	
Sample wt/vol:	980	Units: mL	Lab Sample ID:	21104041101	
Level: (low/med)	LOW		Date Collected:	03/31/11	Time: 0950
% Moisture:	decanted: (Y/N)		Date Received:	04/02/11	
GC Column:	RTX-35MS-3	ID: .25 (mm)	Date Extracted:	04/05/11	
Concentrated Extract Volume:	10000	(μL)	Date Analyzed:	04/06/11	Time: 1508
Soil Aliquot Volume:	(μL)		Dilution Factor:	1	Analyst: TLS
Injection Volume:	1	(μL)	Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:	Analytical Method:	SW-846 8081B	
Prep Batch:	453684	Analytical Batch:	453911	Sulfur Cleanup: (Y/N)	N Instrument ID: GCS16A
CONCENTRATION UNITS: ug/L			Lab File ID:	2110406/sv16a012	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.102	U	0.00429	0.102
72-55-9	4,4'-DDE	0.102	U	0.00347	0.102
50-29-3	4,4'-DDT	0.102	U	0.00398	0.102
309-00-2	Aldrin	0.051	U	0.00388	0.051
60-57-1	Dieldrin	0.102	U	0.00388	0.102
959-98-8	Endosulfan I	0.051	U	0.00306	0.051
33213-65-9	Endosulfan II	0.102	U	0.00388	0.102
1031-07-8	Endosulfan sulfate	0.102	U	0.00408	0.102
72-20-8	Endrin	0.102	U	0.00357	0.102
7421-93-4	Endrin aldehyde	0.102	U	0.00500	0.102
53494-70-5	Endrin ketone	0.102	U	0.00388	0.102
76-44-8	Heptachlor	0.051	U	0.00357	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.00408	0.051
72-43-5	Methoxychlor	0.510	U	0.00449	0.510
8001-35-2	Toxaphene	5.10	U	0.561	5.10
319-84-6	alpha-BHC	0.051	U	0.00388	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.00357	0.051
319-85-7	beta-BHC	0.051	U	0.00449	0.051
319-86-8	delta-BHC	0.051	U	0.00357	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.00367	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.00408	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL		Sample ID:	SK-GW26-1035	
Lab Code:	LA024	Case No.:	Contract:		
Matrix:	Water		SAS No.:	SDG No.: 211040411	
Sample wt/vol:	980	Units: mL	Lab Sample ID:	21104041102	
Level: (low/med)	LOW		Date Collected:	03/31/11	Time: 1030
% Moisture:	decanted: (Y/N)		Date Received:	04/02/11	
GC Column:	RTX-35MS-3	ID: .25 (mm)	Date Extracted:	04/05/11	
Concentrated Extract Volume:	10000	(μL)	Date Analyzed:	04/06/11	Time: 1526
Soil Aliquot Volume:	(μL)		Dilution Factor:	1	Analyst: TLS
Injection Volume:	1	(μL)	Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:	Analytical Method:	SW-846 8081B	
Prep Batch:	453684	Analytical Batch:	453911	Sulfur Cleanup: (Y/N)	N
CONCENTRATION UNITS: ug/L			Instrument ID:	GCS16A	
			Lab File ID:	2110406/sv16a013	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.102	U	0.00429	0.102
72-55-9	4,4'-DDE	0.102	U	0.00347	0.102
50-29-3	4,4'-DDT	0.102	U	0.00398	0.102
309-00-2	Aldrin	0.051	U	0.00388	0.051
60-57-1	Dieldrin	0.102	U	0.00388	0.102
959-98-8	Endosulfan I	0.051	U	0.00306	0.051
33213-65-9	Endosulfan II	0.102	U	0.00388	0.102
1031-07-8	Endosulfan sulfate	0.102	U	0.00408	0.102
72-20-8	Endrin	0.102	U	0.00357	0.102
7421-93-4	Endrin aldehyde	0.102	U	0.00500	0.102
53494-70-5	Endrin ketone	0.102	U	0.00388	0.102
76-44-8	Heptachlor	0.051	U	0.00357	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.00408	0.051
72-43-5	Methoxychlor	0.510	U	0.00449	0.510
8001-35-2	Toxaphene	5.10	U	0.561	5.10
319-84-6	alpha-BHC	0.051	U	0.00388	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.00357	0.051
319-85-7	beta-BHC	0.051	U	0.00449	0.051
319-86-8	delta-BHC	0.051	U	0.00357	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.00367	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.00408	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL			Sample ID:	SK-SW50-1035	
Lab Code:	LA024	Case No.:		Contract:		
Matrix:	Water			SAS No.:	SDG No.: 211040412	
Sample wt/vol:	970	Units:	mL	Lab Sample ID:	21104041201	
Level: (low/med)	LOW			Date Collected:	03/31/11	Time: 1215
% Moisture:	/	decanted:	(Y/N)	Date Received:	04/02/11	
GC Column:	RTX-35MS-3	ID:	.25	(mm)	Date Extracted:	04/05/11
Concentrated Extract Volume:	10000	(	µL	)	Date Analyzed:	04/06/11
Soil Aliquot Volume:		(	µL	)	Dilution Factor:	1
Injection Volume:	1	(	µL	)	Analyst:	TLS
GPC Cleanup: (Y/N)	N	pH:		Prep Method:	3510C	
Prep Batch:	453684	Analytical Batch:	453911	Analytical Method:	SW-846 8081B	
CONCENTRATION UNITS: ug/L				Sulfur Cleanup: (Y/N)	N	Instrument ID: GCS16A
				Lab File ID:	2110406/sv16a014	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.103	U	0.00433	0.103
72-55-9	4,4'-DDE	0.103	U	0.00351	0.103
50-29-3	4,4'-DDT	0.103	U	0.00402	0.103
309-00-2	Aldrin	0.052	U	0.00392	0.052
60-57-1	Dieldrin	0.103	U	0.00392	0.103
959-98-8	Endosulfan I	0.052	U	0.00309	0.052
33213-65-9	Endosulfan II	0.103	U	0.00392	0.103
1031-07-8	Endosulfan sulfate	0.103	U	0.00412	0.103
72-20-8	Endrin	0.103	U	0.00361	0.103
7421-93-4	Endrin aldehyde	0.103	U	0.00505	0.103
53494-70-5	Endrin ketone	0.103	U	0.00392	0.103
76-44-8	Heptachlor	0.052	U	0.00361	0.052
1024-57-3	Heptachlor epoxide	0.052	U	0.00412	0.052
72-43-5	Methoxychlor	0.515	U	0.00454	0.515
8001-35-2	Toxaphene	5.15	U	0.567	5.15
319-84-6	alpha-BHC	0.052	U	0.00392	0.052
5103-71-9	alpha-Chlordane	0.052	U	0.00361	0.052
319-85-7	beta-BHC	0.052	U	0.00454	0.052
319-86-8	delta-BHC	0.052	U	0.00361	0.052
58-89-9	gamma-BHC (Lindane)	0.052	U	0.00371	0.052
5103-74-2	gamma-Chlordane	0.052	U	0.00412	0.052

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL		Sample ID:	SK-MS-1035 (SW50)	
Lab Code:	LA024	Case No.:	Contract:		
Matrix:	Water		SAS No.:	SDG No.: 211040412	
Sample wt/vol:	970	Units: mL	Lab Sample ID:	21104041202	
Level: (low/med)	LOW		Date Collected:	03/31/11	Time: 1220
% Moisture:	decanted: (Y/N)		Date Received:	04/02/11	
GC Column:	RTX-35MS-3	ID: .25 (mm)	Date Extracted:	04/05/11	
Concentrated Extract Volume:	10000 (µL)		Date Analyzed:	04/07/11	Time: 1327
Soil Aliquot Volume:	(µL)		Dilution Factor:	1	Analyst: TLS
Injection Volume:	1	(µL)	Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:	Analytical Method:	SW-846 8081B	
Prep Batch:	453684	Analytical Batch:	453911	Sulfur Cleanup: (Y/N)	N Instrument ID: GCS16A
CONCENTRATION UNITS:	ug/L		Lab File ID:	2110407/sv16a007	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.477		0.00433	0.103
72-55-9	4,4'-DDE	0.456		0.00351	0.103
50-29-3	4,4'-DDT	0.466		0.00402	0.103
309-00-2	Aldrin	0.441		0.00392	0.052
60-57-1	Dieldrin	0.478		0.00392	0.103
959-98-8	Endosulfan I	0.487		0.00309	0.052
33213-65-9	Endosulfan II	0.484		0.00392	0.103
1031-07-8	Endosulfan sulfate	0.492		0.00412	0.103
72-20-8	Endrin	0.494		0.00361	0.103
7421-93-4	Endrin aldehyde	0.471		0.00505	0.103
53494-70-5	Endrin ketone	0.458		0.00392	0.103
76-44-8	Heptachlor	0.448		0.00361	0.052
1024-57-3	Heptachlor epoxide	0.482		0.00412	0.052
72-43-5	Methoxychlor	0.484	J	0.00454	0.515
8001-35-2	Toxaphene	5.15	U	0.567	5.15
319-84-6	alpha-BHC	0.477		0.00392	0.052
5103-71-9	alpha-Chlordane	0.480		0.00361	0.052
319-85-7	beta-BHC	0.480		0.00454	0.052
319-86-8	delta-BHC	0.469		0.00361	0.052
58-89-9	gamma-BHC (Lindane)	0.462		0.00371	0.052
5103-74-2	gamma-Chlordane	0.478		0.00412	0.052

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL		Sample ID:	SK-MSD-1035 (SW50)	
Lab Code:	LA024	Case No.:	Contract:		
Matrix:	Water		SAS No.:	SDG No.: 211040412	
Sample wt/vol:	970	Units: mL	Lab Sample ID:	21104041203	
Level: (low/med)	LOW		Date Collected:	03/31/11	Time: 1425
% Moisture:	decanted: (Y/N)		Date Received:	04/02/11	
GC Column:	RTX-35MS-3	ID: .25 (mm)	Date Extracted:	04/05/11	
Concentrated Extract Volume:	10000	(μL)	Date Analyzed:	04/06/11	Time: 1622
Soil Aliquot Volume:	(μL)		Dilution Factor:	1	Analyst: TLS
Injection Volume:	1	(μL)	Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:	Analytical Method:	SW-846 8081B	
Prep Batch:	453684	Analytical Batch:	453911	Sulfur Cleanup: (Y/N)	N Instrument ID: GCS16A
CONCENTRATION UNITS:	ug/L		Lab File ID:	2110406/sv16a016	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.464		0.00433	0.103
72-55-9	4,4'-DDE	0.435		0.00351	0.103
50-29-3	4,4'-DDT	0.431		0.00402	0.103
309-00-2	Aldrin	0.414		0.00392	0.052
60-57-1	Dieldrin	0.456		0.00392	0.103
959-98-8	Endosulfan I	0.462		0.00309	0.052
33213-65-9	Endosulfan II	0.464		0.00392	0.103
1031-07-8	Endosulfan sulfate	0.471		0.00412	0.103
72-20-8	Endrin	0.468		0.00361	0.103
7421-93-4	Endrin aldehyde	0.458		0.00505	0.103
53494-70-5	Endrin ketone	0.442		0.00392	0.103
76-44-8	Heptachlor	0.416		0.00361	0.052
1024-57-3	Heptachlor epoxide	0.456		0.00412	0.052
72-43-5	Methoxychlor	0.451	J	0.00454	0.515
8001-35-2	Toxaphene	5.15	U	0.567	5.15
319-84-6	alpha-BHC	0.448		0.00392	0.052
5103-71-9	alpha-Chlordane	0.462		0.00361	0.052
319-85-7	beta-BHC	0.453		0.00454	0.052
319-86-8	delta-BHC	0.447		0.00361	0.052
58-89-9	gamma-BHC (Lindane)	0.438		0.00371	0.052
5103-74-2	gamma-Chlordane	0.457		0.00412	0.052

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL	Sample ID:	SK-SW52-1035	
Lab Code:	LA024	Case No.:		
Matrix:	Water	Contract:		
Sample wt/vol:	990	Units:	mL	
Level: (low/med)	LOW	SAS No.:	SDG No.:	
% Moisture:		21103302301	211033023	
GC Column:	RTX-35MS-3	ID:	.25 (mm)	
Concentrated Extract Volume:	10000	(μ L)		
Soil Aliquot Volume:		(μ L)		
Injection Volume:	1	(μ L)		
GPC Cleanup: (Y/N)	N	pH:		
Prep Batch:	453405	Analytical Batch:	453658	
CONCENTRATION UNITS: ug/L		Lab File ID: 2110401/sv16a031		

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.01	U	0.312	1.01
11104-28-2	Aroclor-1221	2.02	U	0.257	2.02
11141-16-5	Aroclor-1232	1.01	U	0.092	1.01
53469-21-9	Aroclor-1242	1.01	U	0.294	1.01
12672-29-6	Aroclor-1248	1.01	U	0.146	1.01
11097-69-1	Aroclor-1254	1.01	U	0.097	1.01
11096-82-5	Aroclor-1260	1.01	U	0.192	1.01

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 Matrix: Water
 Sample wt/vol: 990 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-35MS-3 ID: .25 (mm)
 Concentrated Extract Volume: 10000 (µL)
 Soil Aliquot Volume: _____ (µL)
 Injection Volume: 1 (µL)
 GPC Cleanup: (Y/N) N pH: _____
 Prep Batch: 453405 Analytical Batch: 453658
 CONCENTRATION UNITS: ug/L

Sample ID: SK-FD-1035 (SW52)
 Contract: _____
 SAS No.: _____ SDG No.: 211033023
 Lab Sample ID: 21103302302
 Date Collected: 03/29/11 Time: 1250
 Date Received: 03/30/11
 Date Extracted: 03/30/11
 Date Analyzed: 04/01/11 Time: 1947
 Dilution Factor: 1 Analyst: TLS
 Prep Method: 3510C
 Analytical Method: SW-846 8082
 Sulfur Cleanup: (Y/N) N Instrument ID: GCS16A
 Lab File ID: 2110401/sv16a032

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.01	U	0.312	1.01
11104-28-2	Aroclor-1221	2.02	U	0.257	2.02
11141-16-5	Aroclor-1232	1.01	U	0.092	1.01
53469-21-9	Aroclor-1242	1.01	U	0.294	1.01
12672-29-6	Aroclor-1248	1.01	U	0.146	1.01
11097-69-1	Aroclor-1254	1.01	U	0.097	1.01
11096-82-5	Aroclor-1260	1.01	U	0.192	1.01

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL		Sample ID:	SK-GW65-1035	
Lab Code:	LA024	Case No.:	Contract:		
Matrix:	Water		SAS No.:	SDG No.: 211033108	
Sample wt/vol:	980	Units: mL	Lab Sample ID:	21103310801	
Level: (low/med)	LOW		Date Collected:	03/30/11	Time: 0920
% Moisture:	decanted: (Y/N)		Date Received:	03/31/11	
GC Column:	RTX-35MS-3	ID: .25 (mm)	Date Extracted:	04/04/11	
Concentrated Extract Volume:	10000	(μL)	Date Analyzed:	04/05/11	Time: 1247
Soil Aliquot Volume:	(μL)		Dilution Factor:	1	Analyst: TLS
Injection Volume:	1	(μL)	Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:	Analytical Method:	SW-846 8082	
Prep Batch:	453498	Analytical Batch:	453760	Sulfur Cleanup: (Y/N)	N Instrument ID: GCS16A
CONCENTRATION UNITS: ug/L			Lab File ID:	2110405/sv16a017	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.02	U	0.315	1.02
11104-28-2	Aroclor-1221	2.04	U	0.259	2.04
11141-16-5	Aroclor-1232	1.02	U	0.093	1.02
53469-21-9	Aroclor-1242	1.02	U	0.297	1.02
12672-29-6	Aroclor-1248	1.02	U	0.148	1.02
11097-69-1	Aroclor-1254	1.02	U	0.098	1.02
11096-82-5	Aroclor-1260	1.02	U	0.194	1.02

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL	Sample ID:	SK-GW63-1035
Lab Code:	LA024	Case No.:	
Matrix:	Water	Contract:	
Sample wt/vol:	980	Units:	ml
Level: (low/med)	LOW	SAS No.:	SDG No.: 211033108
% Moisture:	decanted: (Y/N)	Lab Sample ID:	21103310802
GC Column:	RTX-35MS-3	ID:	.25 (mm)
Concentrated Extract Volume:	10000	(μ L)	
Soil Aliquot Volume:		(μ L)	
Injection Volume:	1	(μ L)	
GPC Cleanup: (Y/N)	N	pH:	
Prep Batch:	453685	Analytical Batch:	453912
CONCENTRATION UNITS:	ug/L	Sulfur Cleanup: (Y/N)	N
		Instrument ID:	GCS16A
		Lab File ID:	2110406/sv16a025

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.02	U	0.315	1.02
11104-28-2	Aroclor-1221	2.04	U	0.259	2.04
11141-16-5	Aroclor-1232	1.02	U	0.093	1.02
53469-21-9	Aroclor-1242	1.02	U	0.297	1.02
12672-29-6	Aroclor-1248	1.02	U	0.148	1.02
11097-69-1	Aroclor-1254	1.02	U	0.098	1.02
11096-82-5	Aroclor-1260	1.02	U	0.194	1.02

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL	Sample ID:	SK-GW61-1035
Lab Code:	LA024	Case No.:	Contract:
Matrix:	Water	SAS No.:	SDG No.: 211033108
Sample wt/vol:	960	Units:	mL
Level: (low/med)	LOW	Lab Sample ID:	21103310803
% Moisture:	decanted: (Y/N)	Date Collected:	03/30/11 Time: 1050
GC Column:	RTX-35MS-3	ID:	.25 (mm)
Concentrated Extract Volume:	10000	(μ L)	Date Extracted: 04/04/11
Soil Aliquot Volume:		(μ L)	Date Analyzed: 04/05/11 Time: 1324
Injection Volume:	1	(μ L)	Dilution Factor: 1 Analyst: TLS
GPC Cleanup: (Y/N)	N	pH:	Prep Method: 3510C
Prep Batch:	453498	Analytical Batch:	453760 Sulfur Cleanup: (Y/N) N Instrument ID: GCS16A
CONCENTRATION UNITS: ug/L		Lab File ID:	2110405/sv16a019

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.04	U	0.322	1.04
11104-28-2	Aroclor-1221	2.08	U	0.265	2.08
11141-16-5	Aroclor-1232	1.04	U	0.095	1.04
53469-21-9	Aroclor-1242	1.04	U	0.303	1.04
12672-29-6	Aroclor-1248	1.04	U	0.151	1.04
11097-69-1	Aroclor-1254	1.04	U	0.100	1.04
11096-82-5	Aroclor-1260	1.04	U	0.198	1.04

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-GW59-1035
Lab Code: LA024	Contract:
Matrix: Water	SAS No.: SDG No.: 211033108
Sample wt/vol: 960	Units: mL
Level: (low/med) LOW	Lab Sample ID: 21103310804
% Moisture:	decanted: (Y/N)
GC Column: RTX-35MS-3	ID: .25 (mm)
Concentrated Extract Volume: 10000	(μ L)
Soil Aliquot Volume:	(μ L)
Injection Volume: 1	(μ L)
GPC Cleanup: (Y/N) N	pH:
Prep Batch: 453498	Analytical Batch: 453760
CONCENTRATION UNITS: ug/L	

Date Collected: 03/30/11 Time: 1320
 Date Received: 03/31/11
 Date Extracted: 04/04/11
 Date Analyzed: 04/05/11 Time: 1342
 Dilution Factor: 1 Analyst: TLS
 Prep Method: 3510C
 Analytical Method: SW-846 8082
 Sulfur Cleanup: (Y/N) N Instrument ID: GCS16A
 Lab File ID: 2110405/sv16a020

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.04	U	0.322	1.04
11104-28-2	Aroclor-1221	2.08	U	0.265	2.08
11141-16-5	Aroclor-1232	1.04	U	0.095	1.04
53469-21-9	Aroclor-1242	1.04	U	0.303	1.04
12672-29-6	Aroclor-1248	1.04	U	0.151	1.04
11097-69-1	Aroclor-1254	1.04	U	0.100	1.04
11096-82-5	Aroclor-1260	1.04	U	0.198	1.04

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL		Sample ID:	SK-FD-1035 (GW59)	
Lab Code:	LA024	Case No.:	Contract:		
Matrix:	Water		SAS No.:	SDG No.: 211033108	
Sample wt/vol:	980	Units: mL	Lab Sample ID:	21103310805	
Level: (low/med)	LOW		Date Collected:	03/30/11	Time: 1330
% Moisture:	decanted: (Y/N)		Date Received:	03/31/11	
GC Column:	RTX-35MS-3	ID: .25 (mm)	Date Extracted:	04/04/11	
Concentrated Extract Volume:	10000	(μL)	Date Analyzed:	04/05/11	Time: 1400
Soil Aliquot Volume:	(μL)		Dilution Factor:	1	Analyst: TLS
Injection Volume:	1	(μL)	Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:	Analytical Method:	SW-846 8082	
Prep Batch:	453498	Analytical Batch:	453760	Sulfur Cleanup: (Y/N)	N Instrument ID: GCS16A
CONCENTRATION UNITS:	ug/L		Lab File ID:	2110405/sv16a021	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.02	U	0.315	1.02
11104-28-2	Aroclor-1221	2.04	U	0.259	2.04
11141-16-5	Aroclor-1232	1.02	U	0.093	1.02
53469-21-9	Aroclor-1242	1.02	U	0.297	1.02
12672-29-6	Aroclor-1248	1.02	U	0.148	1.02
11097-69-1	Aroclor-1254	1.02	U	0.098	1.02
11096-82-5	Aroclor-1260	1.02	U	0.194	1.02

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL	Sample ID:	SK-GW07R-1035
Lab Code:	LA024	Case No.:	
Matrix:	Water	Contract:	
Sample wt/vol:	980	Units:	ml
Level: (low/med)	LOW	SAS No.:	SDG No.: 211040411
% Moisture:		Lab Sample ID:	21104041101
GC Column:	RTX-35MS-3	ID:	.25 (mm)
Concentrated Extract Volume:	10000	(μ L)	Date Collected: 03/31/11 Time: 0950
Soil Aliquot Volume:		(μ L)	Date Received: 04/02/11
Injection Volume:	1	(μ L)	Date Extracted: 04/05/11
GPC Cleanup: (Y/N)	N	pH:	Date Analyzed: 04/06/11 Time: 1508
Prep Batch:	453685	Analytical Batch:	453912
CONCENTRATION UNITS: ug/L		Dilution Factor:	1 Analyst: TLS
		Prep Method:	3510C
		Analytical Method:	SW-846 8082
		Sulfur Cleanup: (Y/N)	N Instrument ID: GCS16A
		Lab File ID:	2110406/sv16a012

CAS NO. COMPOUND		RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.02	U	0.315	1.02
11104-28-2	Aroclor-1221	2.04	U	0.259	2.04
11141-16-5	Aroclor-1232	1.02	U	0.093	1.02
53469-21-9	Aroclor-1242	1.02	U	0.297	1.02
12672-29-6	Aroclor-1248	1.02	U	0.148	1.02
11097-69-1	Aroclor-1254	1.02	U	0.098	1.02
11096-82-5	Aroclor-1260	1.02	U	0.194	1.02

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL		Sample ID:	SK-GW26-1035	
Lab Code:	LA024	Case No.:	Contract:		
Matrix:	Water		SAS No.:	SDG No.: 211040411	
Sample wt/vol:	980	Units: mL	Lab Sample ID:	21104041102	
Level: (low/med)	LOW		Date Collected:	03/31/11	Time: 1030
% Moisture:	decanted: (Y/N)		Date Received:	04/02/11	
GC Column:	RTX-35MS-3	ID: .25 (mm)	Date Extracted:	04/05/11	
Concentrated Extract Volume:	10000	(μL)	Date Analyzed:	04/06/11	Time: 1526
Soil Aliquot Volume:	(μL)		Dilution Factor:	1	Analyst: TLS
Injection Volume:	1	(μL)	Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:	Analytical Method:	SW-846 8082	
Prep Batch:	453685	Analytical Batch:	453912	Sulfur Cleanup: (Y/N)	N Instrument ID: GCS16A
CONCENTRATION UNITS: ug/L			Lab File ID:	2110406/sv16a013	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.02	U	0.315	1.02
11104-28-2	Aroclor-1221	2.04	U	0.259	2.04
11141-16-5	Aroclor-1232	1.02	U	0.093	1.02
53469-21-9	Aroclor-1242	1.02	U	0.297	1.02
12672-29-6	Aroclor-1248	1.02	U	0.148	1.02
11097-69-1	Aroclor-1254	1.02	U	0.098	1.02
11096-82-5	Aroclor-1260	1.02	U	0.194	1.02

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL	Sample ID:	SK-SW50-1035	
Lab Code:	LA024	Case No.:		
Matrix:	Water	Contract:		
Sample wt/vol:	970	Units:	mL	
GC Column:	RTX-35MS-3	ID:	.25 (mm)	
Concentrated Extract Volume:	10000	(μ L)		
Soil Aliquot Volume:		(μ L)		
Injection Volume:	1	(μ L)		
GPC Cleanup: (Y/N)	N	pH:		
Prep Batch:	453685	Analytical Batch:	453912	
CONCENTRATION UNITS: ug/L				

CAS NO. COMPOUND

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.03	U	0.319	1.03
11104-28-2	Aroclor-1221	2.06	U	0.262	2.06
11141-16-5	Aroclor-1232	1.03	U	0.094	1.03
53469-21-9	Aroclor-1242	1.03	U	0.300	1.03
12672-29-6	Aroclor-1248	1.03	U	0.149	1.03
11097-69-1	Aroclor-1254	1.03	U	0.099	1.03
11096-82-5	Aroclor-1260	1.03	U	0.196	1.03

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 Matrix: Water
 Sample wt/vol: 980 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-35MS-3 ID: .25 (mm)
 Concentrated Extract Volume: 10000 (µL)
 Soil Aliquot Volume: _____ (µL)
 Injection Volume: 1 (µL)
 GPC Cleanup: (Y/N) N pH: _____
 Prep Batch: 453685 Analytical Batch: 453912
 CONCENTRATION UNITS: ug/L

Sample ID: SK-MS-1035 (SW50)
 Contract: _____
 SAS No.: _____ SDG No.: 211040412
 Lab Sample ID: 21104041202
 Date Collected: 03/31/11 Time: 1220
 Date Received: 04/02/11
 Date Extracted: 04/05/11
 Date Analyzed: 04/06/11 Time: 1830
 Dilution Factor: 1 Analyst: TLS
 Prep Method: 3510C
 Analytical Method: SW-846 8082
 Sulfur Cleanup: (Y/N) N Instrument ID: GCS16A
 Lab File ID: 2110406/sv16a023

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	3.38		0.315	1.02
11104-28-2	Aroclor-1221	2.04	U	0.259	2.04
11141-16-5	Aroclor-1232	1.02	U	0.093	1.02
53469-21-9	Aroclor-1242	1.02	U	0.297	1.02
12672-29-6	Aroclor-1248	1.02	U	0.148	1.02
11097-69-1	Aroclor-1254	1.02	U	0.098	1.02
11096-82-5	Aroclor-1260	3.70		0.194	1.02

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL			Sample ID:	SK-MSD-1035 (SW50)	
Lab Code:	LA024	Case No.:		Contract:		
Matrix:	Water			SAS No.:	SDG No.: 211040412	
Sample wt/vol:	970	Units:	mL	Lab Sample ID:	21104041203	
Level: (low/med)	LOW			Date Collected:	03/31/11	Time: 1425
% Moisture:				Date Received:	04/02/11	
GC Column:	RTX-35MS-3		ID: .25 (mm)	Date Extracted:	04/05/11	
Concentrated Extract Volume:	10000 (µL)			Date Analyzed:	04/06/11	Time: 1849
Soil Aliquot Volume:				Dilution Factor:	1	Analyst: TLS
Injection Volume:	1 (µL)			Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:		Analytical Method:	SW-846 8082	
Prep Batch:	453685	Analytical Batch:	453912	Sulfur Cleanup: (Y/N)	N	Instrument ID: GCS16A
CONCENTRATION UNITS: ug/L				Lab File ID:	2110406/sv16a024	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	3.21		0.319	1.03
11104-28-2	Aroclor-1221	2.06	U	0.262	2.06
11141-16-5	Aroclor-1232	1.03	U	0.094	1.03
53469-21-9	Aroclor-1242	1.03	U	0.300	1.03
12672-29-6	Aroclor-1248	1.03	U	0.149	1.03
11097-69-1	Aroclor-1254	1.03	U	0.099	1.03
11096-82-5	Aroclor-1260	3.43		0.196	1.03

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL	Sample ID:	SK-GW58-1035
Lab Code:	LA024	Case No.:	
Matrix:	Water	SAS No.:	SDG No.: 211033108
Sample wt/vol:	950	Units:	mL
Level: (low/med)	LOW	Lab Sample ID:	21103310806
% Moisture:		Date Collected:	03/30/11 Time: 1415
GC Column:	RTX-35MS-3	ID:	.25 (mm)
Concentrated Extract Volume:	10000	(μ L)	Date Extracted: 04/04/11
Soil Aliquot Volume:		(μ L)	Date Analyzed: 04/05/11 Time: 1419
Injection Volume:	1	(μ L)	Dilution Factor: 1 Analyst: TLS
GPC Cleanup: (Y/N)	N	pH:	Prep Method: 3510C
Prep Batch:	453498	Analytical Batch:	453760
CONCENTRATION UNITS: ug/L		Analytical Method: SW-846 8082	
		Sulfur Cleanup: (Y/N) N Instrument ID: GCS16A	
		Lab File ID: 2110405/sv16a022	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.05	U	0.325	1.05
11104-28-2	Aroclor-1221	2.11	U	0.267	2.11
11141-16-5	Aroclor-1232	1.05	U	0.096	1.05
53469-21-9	Aroclor-1242	1.05	U	0.306	1.05
12672-29-6	Aroclor-1248	1.05	U	0.153	1.05
11097-69-1	Aroclor-1254	1.05	U	0.101	1.05
11096-82-5	Aroclor-1260	1.05	U	0.200	1.05

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL			Sample ID:	SK-MS-1035 (GW58)		
Lab Code:	LA024	Case No.:		Contract:			
Matrix:	Water			SAS No.:	SDG No.: 211033108		
Sample wt/vol:	980	Units:	ml	Lab Sample ID:	21103310807		
Level: (low/med)	LOW			Date Collected:	03/30/11	Time:	1420
% Moisture:	decanted: (Y/N)			Date Received:	03/31/11		
GC Column:	RTX-35MS-3	ID:	.25	Date Extracted:	04/04/11		
Concentrated Extract Volume:	10000	(μL)		Date Analyzed:	04/05/11	Time:	1514
Soil Aliquot Volume:	(μL)			Dilution Factor:	1	Analyst:	TLS
Injection Volume:	1	(μL)		Prep Method:	3510C		
GPC Cleanup: (Y/N)	N	pH:		Analytical Method:	SW-846 8082		
Prep Batch:	453498	Analytical Batch:	453760	Sulfur Cleanup: (Y/N)	N	Instrument ID:	GCS16A
CONCENTRATION UNITS:	ug/L			Lab File ID:	2110405/sv16a025		

CAS NO. COMPOUND		RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	2.99		0.315	1.02
11104-28-2	Aroclor-1221	2.04	U	0.259	2.04
11141-16-5	Aroclor-1232	1.02	U	0.093	1.02
53469-21-9	Aroclor-1242	1.02	U	0.297	1.02
12672-29-6	Aroclor-1248	1.02	U	0.148	1.02
11097-69-1	Aroclor-1254	1.02	U	0.098	1.02
11096-82-5	Aroclor-1260	2.70		0.194	1.02

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL		Sample ID:	SK-MSD-1035 (GW58)	
Lab Code:	LA024	Case No.:	Contract:		
Matrix:	Water		SAS No.:	SDG No.: 211033108	
Sample wt/vol:	980	Units: mL	Lab Sample ID:	21103310808	
Level: (low/med)	LOW		Date Collected:	03/30/11	Time: 1425
% Moisture:	decanted: (Y/N)		Date Received:	03/31/11	
GC Column:	RTX-35MS-3	ID: .25 (mm)	Date Extracted:	04/04/11	
Concentrated Extract Volume:	10000	(μL)	Date Analyzed:	04/05/11	Time: 1532
Soil Aliquot Volume:	(μL)		Dilution Factor:	1	Analyst: TLS
Injection Volume:	1	(μL)	Prep Method:	3510C	
GPC Cleanup: (Y/N)	N	pH:	Analytical Method:	SW-846 8082	
Prep Batch:	453498	Analytical Batch:	453760	Sulfur Cleanup: (Y/N)	N Instrument ID: GCS16A
CONCENTRATION UNITS: ug/L			Lab File ID:	2110405/sv16a026	

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	2.93		0.315	1.02
11104-28-2	Aroclor-1221	2.04	U	0.259	2.04
11141-16-5	Aroclor-1232	1.02	U	0.093	1.02
53469-21-9	Aroclor-1242	1.02	U	0.297	1.02
12672-29-6	Aroclor-1248	1.02	U	0.148	1.02
11097-69-1	Aroclor-1254	1.02	U	0.098	1.02
11096-82-5	Aroclor-1260	2.47		0.194	1.02

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-SW52-1035
 Lab Code: LA024 Case No.: Contract:
 Matrix: (soil / water) Water SAS No.: SDG No.: 211033023
 Level: (low / med) % Solids: Lab Sample ID: 21103302301
 Date Received: 03/30/11 Time: 0945 Date Collected: 03/29/11 Time: 1245

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	0.20	mg/L	U	0.044	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0040	0.060	SW-846 6010B	P
Arsenic	0.0030	mg/L	B	0.0025	0.010	SW-846 6010B	P
Barium	0.038	mg/L	B	0.00011	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Calcium	81.2	mg/L		0.026	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00034	0.010	SW-846 6010B	P
Cobalt	0.050	mg/L	U	0.00040	0.050	SW-846 6010B	P
Copper	0.025	mg/L	U	0.0014	0.025	SW-846 6010B	P
Iron	0.10	mg/L	U	0.038	0.10	SW-846 6010B	P
Lead	0.0030	mg/L	U	0.0014	0.0030	SW-846 6010B	P
Magnesium	22.7	mg/L		0.014	5.00	SW-846 6010B	P
Manganese	0.0063	mg/L	B	0.0012	0.015	SW-846 6010B	P
Mercury	0.00015	mg/L	B	0.000081	0.00020	SW-846 7470A	AV
Nickel	0.0059	mg/L	B	0.00096	0.040	SW-846 6010B	P
Potassium	1.71	mg/L	B	0.053	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00060	0.010	SW-846 6010B	P
Sodium	54.5	mg/L		0.051	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0018	0.010	SW-846 6010B	P
Vanadium	0.050	mg/L	U	0.00082	0.050	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0027	0.020	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-SW52-1035
 Lab Code: LA024 Case No.: Contract:
 Matrix: (soil / water) Water SAS No.: SDG No.: 211033023
 Level: (low / med) % Solids: Lab Sample ID: 21103302301
 Date Received: 03/30/11 Time: 0945 Date Collected: 03/29/11 Time: 1245

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum (Dissolved)	0.087	mg/L	B	0.044	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0040	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.0036	mg/L	B	0.0025	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.040	mg/L	B	0.00011	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	85.6	mg/L		0.026	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00034	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00040	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.025	mg/L	U	0.0014	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.038	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0030	mg/L	U	0.0014	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	24.2	mg/L		0.014	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.0041	mg/L	B	0.0012	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00017	mg/L	B	0.000081	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.0072	mg/L	B	0.00096	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	1.82	mg/L	B	0.053	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.00067	mg/L	B	0.00060	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	58.5	mg/L		0.051	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0018	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.050	mg/L	U	0.00082	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0027	0.020	SW-846 6010B Dissolved	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-FD-1035 (SW52)
 Lab Code: LA024 Case No.: Contract:
 Matrix: (soil / water) Water SAS No.: SDG No.: 211033023
 Level: (low / med) % Solids: Lab Sample ID: 21103302302
 Date Received: 03/30/11 Time: 0945 Date Collected: 03/29/11 Time: 1250

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	0.20	mg/L	U	0.044	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0040	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0025	0.010	SW-846 6010B	P
Barium	0.041	mg/L	B	0.00011	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Calcium	84.2	mg/L		0.026	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00034	0.010	SW-846 6010B	P
Cobalt	0.050	mg/L	U	0.00040	0.050	SW-846 6010B	P
Copper	0.025	mg/L	U	0.0014	0.025	SW-846 6010B	P
Iron	0.10	mg/L	U	0.038	0.10	SW-846 6010B	P
Lead	0.0030	mg/L	U	0.0014	0.0030	SW-846 6010B	P
Magnesium	23.8	mg/L		0.014	5.00	SW-846 6010B	P
Manganese	0.0067	mg/L	B	0.0012	0.015	SW-846 6010B	P
Mercury	0.00016	mg/L	B	0.000081	0.00020	SW-846 7470A	AV
Nickel	0.0060	mg/L	B	0.00096	0.040	SW-846 6010B	P
Potassium	1.77	mg/L	B	0.053	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00060	0.010	SW-846 6010B	P
Sodium	57.3	mg/L		0.051	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0018	0.010	SW-846 6010B	P
Vanadium	0.050	mg/L	U	0.00082	0.050	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0027	0.020	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-FD-1035 (SW52)
 Lab Code: LA024 Case No.: Contract:
 Matrix: (soil / water) Water SAS No.: SDG No.: 211033023
 Level: (low / med) % Solids: Lab Sample ID: 21103302302
 Date Received: 03/30/11 Time: 0945 Date Collected: 03/29/11 Time: 1250

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum (Dissolved)	0.048	mg/L	B	0.044	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0040	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.010	mg/L	U	0.0025	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.038	mg/L	B	0.00011	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	82.4	mg/L		0.026	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00034	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00040	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.025	mg/L	U	0.0014	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.038	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0030	mg/L	U	0.0014	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	23.3	mg/L		0.014	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.0040	mg/L	B	0.0012	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00014	mg/L	B	0.000081	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.0072	mg/L	B	0.00096	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	1.71	mg/L	B	0.053	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00060	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	55.8	mg/L		0.051	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0018	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.050	mg/L	U	0.00082	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0027	0.020	SW-846 6010B Dissolved	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW65-1035
 Lab Code: LA024 Case No.:
 Matrix: (soil / water) Water Contract:
 Level: (low / med) SAS No.: SDG No.: 211033108
 Date Received: 03/31/11 % Solids: Lab Sample ID: 21103310801
 Time: 0900 Date Collected: 03/30/11 Time: 0920

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	0.10	mg/L	B	0.044	0.20	SW-846 6010B	P
Antimony	0.0049	mg/L	B	0.0040	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0025	0.010	SW-846 6010B	P
Barium	0.024	mg/L	B	0.00011	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Calcium	112	mg/L	J	0.026	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00034	0.010	SW-846 6010B	P
Cobalt	0.050	mg/L	U	0.00040	0.050	SW-846 6010B	P
Copper	0.025	mg/L	U	0.0014	0.025	SW-846 6010B	P
Iron	0.23	mg/L		0.038	0.10	SW-846 6010B	P
Lead	0.0021	mg/L	B	0.0014	0.0030	SW-846 6010B	P
Magnesium	40.2	mg/L		0.014	5.00	SW-846 6010B	P
Manganese	0.0097	mg/L	B	0.0012	0.015	SW-846 6010B	P
Mercury	0.00014	mg/L	B	0.000081	0.00020	SW-846 7470A	AV
Nickel	0.0077	mg/L	B	0.00096	0.040	SW-846 6010B	P
Potassium	2.06	mg/L	B	0.053	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00060	0.010	SW-846 6010B	P
Sodium	22.0	mg/L		0.051	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0018	0.010	SW-846 6010B	P
Vanadium	0.0017	mg/L	B	0.00082	0.050	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0027	0.020	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW65-1035
 Lab Code: LA024 Case No.: Contract:
 Matrix: (soil / water) Water SAS No.: SDG No.: 211033108
 Level: (low / med) % Solids: Lab Sample ID: 21103310801
 Date Received: 03/31/11 Time: 0900 Date Collected: 03/30/11 Time: 0920

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum (Dissolved)	0.20	mg/L	U	0.044	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0040	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.010	mg/L	U	0.0025	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.023	mg/L	B	0.00011	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	113	mg/L	J	0.026	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00034	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00040	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.025	mg/L	U	0.0014	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.038	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0030	mg/L	U J	0.0014	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	40.7	mg/L		0.014	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.0023	mg/L	B	0.0012	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00015	mg/L	B	0.000081	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.0082	mg/L	B	0.00096	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	2.09	mg/L	B	0.053	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00060	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	23.0	mg/L		0.051	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U J	0.0018	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.0019	mg/L	B	0.00082	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0027	0.020	SW-846 6010B Dissolved	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW63-1035
 Lab Code: LA024 Case No.: Contract:
 Matrix: (soil / water) Water SAS No.: SDG No.: 211033108
 Level: (low / med) % Solids: Lab Sample ID: 21103310802
 Date Received: 03/31/11 Time: 0900 Date Collected: 03/30/11 Time: 1000

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	0.060	mg/L	B	0.044	0.20	SW-846 6010B	P
Antimony	0.0044	mg/L	B	0.0040	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0025	0.010	SW-846 6010B	P
Barium	0.028	mg/L	B	0.00011	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Calcium	223	mg/L	T	0.026	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00034	0.010	SW-846 6010B	P
Cobalt	0.050	mg/L	U	0.00040	0.050	SW-846 6010B	P
Copper	0.025	mg/L	U	0.0014	0.025	SW-846 6010B	P
Iron	0.18	mg/L		0.038	0.10	SW-846 6010B	P
Lead	0.0017	mg/L	T	0.0014	0.0030	SW-846 6010B	P
Magnesium	53.6	mg/L		0.014	5.00	SW-846 6010B	P
Manganese	0.056	mg/L		0.0012	0.015	SW-846 6010B	P
Mercury	0.00013	mg/L	B	0.000081	0.00020	SW-846 7470A	AV
Nickel	0.017	mg/L	B	0.00096	0.040	SW-846 6010B	P
Potassium	3.87	mg/L	B	0.053	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00060	0.010	SW-846 6010B	P
Sodium	22.9	mg/L		0.051	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0018	0.010	SW-846 6010B	P
Vanadium	0.0013	mg/L	B	0.00082	0.050	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0027	0.020	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL

Sample ID: SK-GW63-1035

Lab Code: LA024

Case No.:

Contract:

Matrix: (soil / water) Water

SAS No.:

SDG No.: 211033108

Level: (low / med)

% Solids:

Lab Sample ID: 21103310802

Date Received: 03/31/11

Time: 0900

Date Collected: 03/30/11

Time: 1000

Analyte**Concentration****Units****C****MDL****PQL****Method****Type**

Aluminum (Dissolved)	0.20	mg/L	U	0.044	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.0043	mg/L	B	0.0040	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.0039	mg/L	B	0.0025	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.026	mg/L	B	0.00011	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	237	mg/L	J	0.026	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00034	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00040	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.025	mg/L	U	0.0014	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.038	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0030	mg/L	U	0.0014	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	56.8	mg/L		0.014	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.049	mg/L		0.0012	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00014	mg/L	B	0.000081	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.019	mg/L	B	0.00096	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	4.10	mg/L	B	0.053	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00060	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	25.2	mg/L		0.051	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0018	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.050	mg/L	U	0.00082	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0027	0.020	SW-846 6010B Dissolved	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW61-1035
 Lab Code: LA024 Case No.: Contract:
 Matrix: (soil / water) Water SAS No.: SDG No.: 211033108
 Level: (low / med) % Solids: Lab Sample ID: 21103310803
 Date Received: 03/31/11 Time: 0900 Date Collected: 03/30/11 Time: 1050

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	0.20	mg/L	U	0.044	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0040	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0025	0.010	SW-846 6010B	P
Barium	0.018	mg/L	B	0.00011	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Calcium	409	mg/L	J	0.026	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00034	0.010	SW-846 6010B	P
Cobalt	0.00050	mg/L	B	0.00040	0.050	SW-846 6010B	P
Copper	0.025	mg/L	U	0.0014	0.025	SW-846 6010B	P
Iron	0.21	mg/L		0.038	0.10	SW-846 6010B	P
Lead	0.0025	mg/L	J	0.0014	0.0030	SW-846 6010B	P
Magnesium	84.4	mg/L		0.014	5.00	SW-846 6010B	P
Manganese	0.28	mg/L		0.0012	0.015	SW-846 6010B	P
Mercury	0.00012	mg/L	B	0.000081	0.00020	SW-846 7470A	AV
Nickel	0.035	mg/L	B	0.00096	0.040	SW-846 6010B	P
Potassium	11.2	mg/L		0.053	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00060	0.010	SW-846 6010B	P
Sodium	37.2	mg/L		0.051	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0018	0.010	SW-846 6010B	P
Vanadium	0.050	mg/L	U	0.00082	0.050	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0027	0.020	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW61-1035
Lab Code: LA024 Case No.: Contract:
Matrix: (soil / water) Water SAS No.: SDG No.: 211033108
Level: (low / med) % Solids: Lab Sample ID: 21103310803
Date Received: 03/31/11 Time: 0900 Date Collected: 03/30/11 Time: 1050

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum (Dissolved)	0.20	mg/L	U	0.044	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0040	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.0048	mg/L	B	0.0025	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.017	mg/L	B	0.00011	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	396	mg/L	T	0.026	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00034	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.0011	mg/L	B	0.00040	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.025	mg/L	U	0.0014	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	2.09	mg/L		0.038	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0030	mg/L	U	0.0014	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	86.0	mg/L		0.014	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.38	mg/L		0.0012	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00014	mg/L	B	0.000081	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.034	mg/L	B	0.00096	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	10.7	mg/L		0.053	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00060	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	52.3	mg/L		0.051	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0018	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.0011	mg/L	B	0.00082	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0027	0.020	SW-846 6010B Dissolved	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW59-1035
 Lab Code: LA024 Case No.:
 Matrix: (soil / water) Water Contract:
 Level: (low / med) SAS No.: SDG No.: 211033108
 Date Received: 03/31/11 % Solids: Lab Sample ID: 21103310804
 Time: 0900 Date Collected: 03/30/11 Time: 1320

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	0.20	mg/L	U	0.044	0.20	SW-846 6010B	P
Antimony	0.0047	mg/L	B	0.0040	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0025	0.010	SW-846 6010B	P
Barium	0.045	mg/L	B	0.00011	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Calcium	173	mg/L	J	0.026	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00034	0.010	SW-846 6010B	P
Cobalt	0.050	mg/L	U	0.00040	0.050	SW-846 6010B	P
Copper	0.025	mg/L	U	0.0014	0.025	SW-846 6010B	P
Iron	0.10	mg/L	U	0.038	0.10	SW-846 6010B	P
Lead	0.0016	mg/L	B	0.0014	0.0030	SW-846 6010B	P
Magnesium	28.1	mg/L		0.014	5.00	SW-846 6010B	P
Manganese	0.0050	mg/L	B	0.0012	0.015	SW-846 6010B	P
Mercury	0.00015	mg/L	B	0.000081	0.00020	SW-846 7470A	AV
Nickel	0.015	mg/L	B	0.00096	0.040	SW-846 6010B	P
Potassium	16.0	mg/L		0.053	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00060	0.010	SW-846 6010B	P
Sodium	51.7	mg/L		0.051	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0018	0.010	SW-846 6010B	P
Vanadium	0.0010	mg/L	B	0.00082	0.050	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0027	0.020	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW59-1035
Lab Code: LA024 Case No.: Contract:
Matrix: (soil / water) Water SAS No.: SDG No.: 211033108
Level: (low / med) % Solids: Lab Sample ID: 21103310804
Date Received: 03/31/11 Time: 0900 Date Collected: 03/30/11 Time: 1320

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum (Dissolved)	0.20	mg/L	U	0.044	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0040	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.010	mg/L	U	0.0025	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.038	mg/L	B	0.00011	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	162	mg/L	J	0.026	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00034	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00040	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.025	mg/L	U	0.0014	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.038	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0024	mg/L	BJ	0.0014	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	29.7	mg/L		0.014	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.0023	mg/L	B	0.0012	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00013	mg/L	B	0.000081	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.014	mg/L	B	0.00096	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	15.7	mg/L		0.053	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00060	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	62.7	mg/L		0.051	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U J	0.0018	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.0018	mg/L	B	0.00082	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0027	0.020	SW-846 6010B Dissolved	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-FD-1035 (GW59)
 Lab Code: LA024 Case No.:
 Matrix: (soil / water) Water Contract:
 Level: (low / med) SAS No.: SDG No.: 211033108
 Date Received: 03/31/11 % Solids: Lab Sample ID: 21103310805
 Time: 0900 Date Collected: 03/30/11 Time: 1330

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	1.40	mg/L		0.044	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0040	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0025	0.010	SW-846 6010B	P
Barium	0.053	mg/L	B	0.00011	0.20	SW-846 6010B	P
Beryllium	0.00017	mg/L	B	0.00011	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Calcium	175	mg/L	J	0.026	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00034	0.010	SW-846 6010B	P
Cobalt	0.0015	mg/L	B	0.00040	0.050	SW-846 6010B	P
Copper	0.0018	mg/L	B	0.0014	0.025	SW-846 6010B	P
Iron	4.69	mg/L	J	0.038	0.10	SW-846 6010B	P
Lead	0.0050	mg/L	J	0.0014	0.0030	SW-846 6010B	P
Magnesium	30.7	mg/L		0.014	5.00	SW-846 6010B	P
Manganese	0.20	mg/L	J	0.0012	0.015	SW-846 6010B	P
Mercury	0.00012	mg/L	B	0.000081	0.00020	SW-846 7470A	AV
Nickel	0.018	mg/L	B	0.00096	0.040	SW-846 6010B	P
Potassium	19.2	mg/L		0.053	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00060	0.010	SW-846 6010B	P
Sodium	60.7	mg/L		0.051	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	UJ	0.0018	0.010	SW-846 6010B	P
Vanadium	0.0035	mg/L	B	0.00082	0.050	SW-846 6010B	P
Zinc	0.0068	mg/L	B	0.0027	0.020	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-FD-1035 (GW59)
Lab Code: LA024 Case No.: Contract:
Matrix: (soil / water) Water SAS No.: SDG No.: 211033108
Level: (low / med) % Solids: Lab Sample ID: 21103310805
Date Received: 03/31/11 Time: 0900 Date Collected: 03/30/11 Time: 1330

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum (Dissolved)	0.20	mg/L	U	0.044	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.0048	mg/L	B	0.0040	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.010	mg/L	U	0.0025	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.038	mg/L	B	0.00011	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	165	mg/L	5	0.026	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00034	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00040	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.025	mg/L	U	0.0014	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.038	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0030	mg/L	U5	0.0014	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	29.8	mg/L		0.014	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.0016	mg/L	B	0.0012	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00015	mg/L	B	0.000081	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.014	mg/L	B	0.00096	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	17.0	mg/L		0.053	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00060	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	63.3	mg/L		0.051	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U5	0.0018	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.0017	mg/L	B	0.00082	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0027	0.020	SW-846 6010B Dissolved	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW58-1035
 Lab Code: LA024 Case No.:
 Matrix: (soil / water) Water Contract:
 Level: (low / med) SAS No.: SDG No.: 211033108
 Date Received: 03/31/11 % Solids: Lab Sample ID: 21103310806
 Time: 0900 Date Collected: 03/30/11 Time: 1415

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	1.18	mg/L		0.044	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0040	0.060	SW-846 6010B	P
Arsenic	0.0037	mg/L	B	0.0025	0.010	SW-846 6010B	P
Barium	0.12	mg/L	B	0.00011	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Cadmium	0.00029	mg/L	B	0.00011	0.0050	SW-846 6010B	P
Calcium	99.4	mg/L	J	0.026	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00034	0.010	SW-846 6010B	P
Cobalt	0.0011	mg/L	B	0.00040	0.050	SW-846 6010B	P
Copper	0.0025	mg/L	B	0.0014	0.025	SW-846 6010B	P
Iron	3.42	mg/L		0.038	0.10	SW-846 6010B	P
Lead	0.0031	mg/L	J	0.0014	0.0030	SW-846 6010B	P
Magnesium	27.5	mg/L		0.014	5.00	SW-846 6010B	P
Manganese	0.096	mg/L		0.0012	0.015	SW-846 6010B	P
Mercury	0.00014	mg/L	B	0.000081	0.00020	SW-846 7470A	AV
Nickel	0.010	mg/L	B	0.00096	0.040	SW-846 6010B	P
Potassium	5.60	mg/L		0.053	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00060	0.010	SW-846 6010B	P
Sodium	23.0	mg/L		0.051	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0018	0.010	SW-846 6010B	P
Vanadium	0.0036	mg/L	B	0.00082	0.050	SW-846 6010B	P
Zinc	0.0047	mg/L	B	0.0027	0.020	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL

Sample ID: SK-GW58-1035

Lab Code: LA024

Case No.:

Contract:

Matrix: (soil / water) Water

SAS No.:

SDG No.: 211033108

Level: (low / med)

% Solids:

Lab Sample ID: 21103310806

Date Received: 03/31/11

Time: 0900

Date Collected: 03/30/11

Time: 1415

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum (Dissolved)	0.20	mg/L	U	0.044	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0040	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.0038	mg/L	BT	0.0025	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.10	mg/L	B	0.00011	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.00012	mg/L	B	0.00011	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	89.5	mg/L	T	0.026	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00034	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00040	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.025	mg/L	U	0.0014	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.038	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0030	mg/L	UT	0.0014	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	25.1	mg/L		0.014	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.0095	mg/L	B	0.0012	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00012	mg/L	B	0.000081	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.0072	mg/L	B	0.00096	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	5.33	mg/L		0.053	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00060	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	23.6	mg/L		0.051	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	UT	0.0018	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.0012	mg/L	B	0.00082	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0027	0.020	SW-846 6010B Dissolved	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-DUP-1035 (GW58)
 Lab Code: LA024 Case No.:
 Matrix: (soil / water) Water Contract:
 SAS No.: SDG No.: 211033108
 Level: (low / med) % Solids:
 Lab Sample ID: 21103310809
 Date Received: 03/31/11 Time: 0900 Date Collected: 03/30/11 Time: 1425

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	1.22	mg/L		0.044	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0040	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0025	0.010	SW-846 6010B	P
Barium	0.12	mg/L	B	0.00011	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Cadmium	0.00031	mg/L	B	0.00011	0.0050	SW-846 6010B	P
Calcium	99.6	mg/L	J	0.026	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00034	0.010	SW-846 6010B	P
Cobalt	0.0011	mg/L	B	0.00040	0.050	SW-846 6010B	P
Copper	0.0027	mg/L	B	0.0014	0.025	SW-846 6010B	P
Iron	3.50	mg/L		0.038	0.10	SW-846 6010B	P
Lead	0.0041	mg/L	J	0.0014	0.0030	SW-846 6010B	P
Magnesium	27.1	mg/L		0.014	5.00	SW-846 6010B	P
Manganese	0.099	mg/L		0.0012	0.015	SW-846 6010B	P
Mercury	0.00015	mg/L	B	0.000081	0.00020	SW-846 7470A	AV
Nickel	0.011	mg/L	B	0.00096	0.040	SW-846 6010B	P
Potassium	5.54	mg/L		0.053	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00060	0.010	SW-846 6010B	P
Sodium	23.0	mg/L		0.051	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	UJ	0.0018	0.010	SW-846 6010B	P
Vanadium	0.0040	mg/L	B	0.00082	0.050	SW-846 6010B	P
Zinc	0.0090	mg/L	B	0.0027	0.020	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-DUP-1035 (GW58)
Lab Code: LA024 Case No.: Contract:
Matrix: (soil / water) Water SAS No.: SDG No.: 211033108
Level: (low / med) % Solids: Lab Sample ID: 21103310809
Date Received: 03/31/11 Time: 0900 Date Collected: 03/30/11 Time: 1425

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum (Dissolved)	0.20	mg/L	U	0.044	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0040	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.010	mg/L	U	0.0025	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.10	mg/L	B	0.00011	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.00015	mg/L	B	0.00011	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	90.0	mg/L	T	0.026	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00034	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00040	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.025	mg/L	U	0.0014	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.038	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0030	mg/L	U	0.0014	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	25.7	mg/L		0.014	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.0080	mg/L	B	0.0012	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00016	mg/L	B	0.000081	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.0074	mg/L	B	0.00096	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	5.44	mg/L		0.053	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00060	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	23.9	mg/L		0.051	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0018	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.00095	mg/L	B	0.00082	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.0029	mg/L	B	0.0027	0.020	SW-846 6010B Dissolved	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW07R-1035
 Lab Code: LA024 Case No.: _____
 Matrix: (soil / water) Water Contract: _____
 Level: (low / med) SAS No.: _____ SDG No.: 211040411
 Date Received: 04/02/11 Time: 0900 Lab Sample ID: 21104041101
 Date Collected: 03/31/11 Time: 0950

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	0.053	mg/L	B	0.044	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0040	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0025	0.010	SW-846 6010B	P
Barium	0.054	mg/L	B	0.00011	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Calcium	189	mg/L	T	0.026	5.00	SW-846 6010B	P
Chromium	0.00048	mg/L	B	0.00034	0.010	SW-846 6010B	P
Cobalt	0.050	mg/L	U	0.00040	0.050	SW-846 6010B	P
Copper	0.0080	mg/L	B	0.0014	0.025	SW-846 6010B	P
Iron	0.12	mg/L		0.038	0.10	SW-846 6010B	P
Lead	0.0030	mg/L	U	0.0014	0.0030	SW-846 6010B	P
Magnesium	32.6	mg/L		0.014	5.00	SW-846 6010B	P
Manganese	0.17	mg/L		0.0012	0.015	SW-846 6010B	P
Mercury	0.00020	mg/L	U	0.000081	0.00020	SW-846 7470A	AV
Nickel	0.040	mg/L	U	0.00096	0.040	SW-846 6010B	P
Potassium	1.80	mg/L	B	0.053	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00060	0.010	SW-846 6010B	P
Sodium	10.9	mg/L		0.051	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0018	0.010	SW-846 6010B	P
Vanadium	0.0072	mg/L	B	0.00082	0.050	SW-846 6010B	P
Zinc	0.012	mg/L	B	0.0027	0.020	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW07R-1035
 Lab Code: LA024 Case No.: Contract:
 Matrix: (soil / water) Water SAS No.: SDG No.: 211040411
 Level: (low / med) % Solids: Lab Sample ID: 21104041101
 Date Received: 04/02/11 Time: 0900 Date Collected: 03/31/11 Time: 0950

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum (Dissolved)	0.15	mg/L	B	0.044	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0040	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.010	mg/L	U	0.0025	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.047	mg/L	B	0.00011	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	184	mg/L	J	0.026	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00034	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.00084	mg/L	B	0.00040	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.0055	mg/L	B	0.0014	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.038	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0030	mg/L	U	0.0014	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	32.2	mg/L		0.014	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.15	mg/L		0.0012	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00020	mg/L	U	0.000081	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.040	mg/L	U	0.00096	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	1.60	mg/L	B	0.053	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00060	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	10.2	mg/L		0.051	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0018	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.0060	mg/L	B	0.00082	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.0052	mg/L	B	0.0027	0.020	SW-846 6010B Dissolved	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.:
 Matrix: (soil / water) Water
 Level: (low / med) % Solids:
 Date Received: 04/02/11 Time: 0900
 Sample ID: SK-GW26-1035
 Contract:
 SAS No.: SDG No.: 211040411
 Lab Sample ID: 21104041102
 Date Collected: 03/31/11 Time: 1030

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	0.064	mg/L	B	0.044	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0040	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0025	0.010	SW-846 6010B	P
Barium	0.79	mg/L		0.00011	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Calcium	64.4	mg/L	J	0.026	5.00	SW-846 6010B	P
Chromium	0.00064	mg/L	B	0.00034	0.010	SW-846 6010B	P
Cobalt	0.050	mg/L	U	0.00040	0.050	SW-846 6010B	P
Copper	0.0079	mg/L	B	0.0014	0.025	SW-846 6010B	P
Iron	0.24	mg/L		0.038	0.10	SW-846 6010B	P
Lead	0.0030	mg/L	U	0.0014	0.0030	SW-846 6010B	P
Magnesium	34.0	mg/L		0.014	5.00	SW-846 6010B	P
Manganese	0.061	mg/L		0.0012	0.015	SW-846 6010B	P
Mercury	0.00020	mg/L	U	0.000081	0.00020	SW-846 7470A	AV
Nickel	0.040	mg/L	U	0.00096	0.040	SW-846 6010B	P
Potassium	19.0	mg/L		0.053	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00060	0.010	SW-846 6010B	P
Sodium	184	mg/L		0.051	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0018	0.010	SW-846 6010B	P
Vanadium	0.0064	mg/L	B	0.00082	0.050	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0027	0.020	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-GW26-1035
Lab Code: LA024	Case No.: Contract:
Matrix: (soil / water) Water	SAS No.: SDG No.: 211040411
Level: (low / med)	% Solids: Lab Sample ID: 21104041102
Date Received: 04/02/11	Time: 0900 Date Collected: 03/31/11 Time: 1030

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum (Dissolved)	0.15	mg/L	B	0.044	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0040	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.010	mg/L	U	0.0025	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.83	mg/L		0.00011	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	68.0	mg/L	J	0.026	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.00043	mg/L	B	0.00034	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00040	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.0072	mg/L	B	0.0014	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.068	mg/L	B	0.038	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0030	mg/L	U	0.0014	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	36.3	mg/L		0.014	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.080	mg/L		0.0012	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00020	mg/L	U	0.000081	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.040	mg/L	U	0.00096	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	19.8	mg/L		0.053	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00060	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	185	mg/L		0.051	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0018	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.0071	mg/L	B	0.00082	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0027	0.020	SW-846 6010B Dissolved	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-SW50-1035
 Lab Code: LA024 Case No.: Contract:
 Matrix: (soil / water) Water SAS No.: SDG No.: 211040412
 Level: (low / med) % Solids: Lab Sample ID: 21104041201
 Date Received: 04/02/11 Time: 0900 Date Collected: 03/31/11 Time: 1215

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	0.048	mg/L	B	0.044	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0040	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0025	0.010	SW-846 6010B	P
Barium	0.044	mg/L	B	0.00011	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Calcium	82.3	mg/L	J	0.026	5.00	SW-846 6010B	P
Chromium	0.00057	mg/L	B	0.00034	0.010	SW-846 6010B	P
Cobalt	0.050	mg/L	U	0.00040	0.050	SW-846 6010B	P
Copper	0.010	mg/L	B	0.0014	0.025	SW-846 6010B	P
Iron	0.10	mg/L	U	0.038	0.10	SW-846 6010B	P
Lead	0.0030	mg/L	U	0.0014	0.0030	SW-846 6010B	P
Magnesium	23.6	mg/L		0.014	5.00	SW-846 6010B	P
Manganese	0.0094	mg/L	B	0.0012	0.015	SW-846 6010B	P
Mercury	0.00020	mg/L	U	0.000081	0.00020	SW-846 7470A	AV
Nickel	0.040	mg/L	U	0.00096	0.040	SW-846 6010B	P
Potassium	1.78	mg/L	B	0.053	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00060	0.010	SW-846 6010B	P
Sodium	59.9	mg/L	J	0.051	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0018	0.010	SW-846 6010B	P
Vanadium	0.0069	mg/L	B	0.00082	0.050	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0027	0.020	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-SW50-1035
 Lab Code: LA024 Case No.: Contract:
 Matrix: (soil / water) Water SAS No.: SDG No.: 211040412
 Level: (low / med) % Solids: Lab Sample ID: 21104041201
 Date Received: 04/02/11 Time: 0900 Date Collected: 03/31/11 Time: 1215

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum (Dissolved)	0.20	mg/L	U	0.044	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0040	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.010	mg/L	U	0.0025	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.036	mg/L	B	0.00011	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	79.1	mg/L	T	0.026	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00034	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00040	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.0067	mg/L	B	0.0014	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.038	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0030	mg/L	U	0.0014	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	23.1	mg/L		0.014	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.0057	mg/L	B	0.0012	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00020	mg/L	U	0.000081	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.040	mg/L	U	0.00096	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	1.93	mg/L	B	0.053	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00060	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	53.4	mg/L		0.051	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.0019	mg/L	B	0.0018	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.0056	mg/L	B	0.00082	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0027	0.020	SW-846 6010B Dissolved	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-DUP-1035 (SW50)
 Lab Code: LA024 Case No.: Contract:
 Matrix: (soil / water) Water SAS No.: SDG No.: 211040412
 Level: (low / med) % Solids: Lab Sample ID: 21104041204
 Date Received: 04/02/11 Time: 0900 Date Collected: 03/31/11 Time: 1425

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	0.057	mg/L	B	0.044	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0040	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0025	0.010	SW-846 6010B	P
Barium	0.040	mg/L	B	0.00011	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B	P
Calcium	85.1	mg/L	J	0.026	5.00	SW-846 6010B	P
Chromium	0.00045	mg/L	B	0.00034	0.010	SW-846 6010B	P
Cobalt	0.050	mg/L	U	0.00040	0.050	SW-846 6010B	P
Copper	0.0078	mg/L	B	0.0014	0.025	SW-846 6010B	P
Iron	0.10	mg/L	U	0.038	0.10	SW-846 6010B	P
Lead	0.0030	mg/L	U	0.0014	0.0030	SW-846 6010B	P
Magnesium	24.6	mg/L		0.014	5.00	SW-846 6010B	P
Manganese	0.0046	mg/L	B	0.0012	0.015	SW-846 6010B	P
Mercury	0.00020	mg/L	U	0.000081	0.00020	SW-846 7470A	AV
Nickel	0.040	mg/L	U	0.00096	0.040	SW-846 6010B	P
Potassium	1.87	mg/L	B	0.053	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00060	0.010	SW-846 6010B	P
Sodium	61.7	mg/L	J	0.051	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0018	0.010	SW-846 6010B	P
Vanadium	0.0068	mg/L	B	0.00082	0.050	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0027	0.020	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-DUP-1035 (SW50)
 Lab Code: LA024 Case No.: Contract:
 Matrix: (soil / water) Water SAS No.: SDG No.: 211040412
 Level: (low / med) % Solids: Lab Sample ID: 21104041204
 Date Received: 04/02/11 Time: 0900 Date Collected: 03/31/11 Time: 1425

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum (Dissolved)	0.20	mg/L	U	0.044	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0040	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.010	mg/L	U	0.0025	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.044	mg/L	B	0.00011	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00011	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	85.0	mg/L	J	0.026	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.00035	mg/L	B	0.00034	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00040	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.0059	mg/L	B	0.0014	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.038	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0030	mg/L	U	0.0014	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	24.9	mg/L		0.014	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.0089	mg/L	B	0.0012	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00020	mg/L	U	0.000081	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.040	mg/L	U	0.00096	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	2.02	mg/L	B	0.053	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0043	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00060	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	57.1	mg/L		0.051	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0018	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.0055	mg/L	B	0.00082	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0027	0.020	SW-846 6010B Dissolved	P

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103302301	SK-SW52-1035	Water	03/29/2011 12:45	03/30/2011 09:45

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/31/2011 14:00	453454	SW-846 9012A	1	04/04/2011 10:25	AEL	453652

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0050U	0.0050	0.0006	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103302302	SK-FD-1035 (SW52)	Water	03/29/2011 12:50	03/30/2011 09:45

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/31/2011 14:00	453454	SW-846 9012A	1	04/04/2011 10:26	AEL	453652

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0050U	0.0050	0.0006	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103310801	SK-GW65-1035	Water	03/30/2011 09:20	03/31/2011 09:00

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/31/2011 14:00	453454	SW-846 9012A	1	04/04/2011 10:32	AEL	453652

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0050U	0.0050	0.0006	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103310802	SK-GW63-1035	Water	03/30/2011 10:00	03/31/2011 09:00

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/31/2011 14:00	453454	SW-846 9012A	1	04/04/2011 10:33	AEL	453652

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0050U	0.0050	0.0006	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103310803	SK-GW61-1035	Water	03/30/2011 10:50	03/31/2011 09:00

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/31/2011 14:00	453454	SW-846 9012A	1	04/04/2011 10:34	AEL	453652

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0029B	0.0050	0.0006	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103310804	SK-GW59-1035	Water	03/30/2011 13:20	03/31/2011 09:00

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/31/2011 14:00	453454	SW-846 9012A	1	04/04/2011 10:35	AEL	453652

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0006B	0.0050	0.0006	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103310805	SK-FD-1035 (GW59)	Water	03/30/2011 13:30	03/31/2011 09:00

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/31/2011 14:00	453454	SW-846 9012A	1	04/04/2011 10:36	AEL	453652

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0050U	0.0050	0.0006	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103310806	SK-GW58-1035	Water	03/30/2011 14:15	03/31/2011 09:00

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/31/2011 14:00	453454	SW-846 9012A	1	04/04/2011 10:37	AEL	453652

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0050U	0.0050	0.0006	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103310807	SK-MS-1035 (GW58)	Water	03/30/2011 14:20	03/31/2011 09:00

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/31/2011 14:00	453454	SW-846 9012A	1	04/04/2011 10:38	AEL	453652

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0467	0.0050	0.0006	mg/L

GCAL ID 21103310809	Client ID SK-DUP-1035 (GW58)	Matrix Water	Collect Date/Time 03/30/2011 14:25	Receive Date/Time 03/31/2011 09:00
------------------------	---------------------------------	-----------------	---------------------------------------	---------------------------------------

SW-846 9012A Cyanide

Prep Date 03/31/2011 14:00	Prep Batch 453454	Prep Method SW-846 9012A	Dilution 1	Analyzed 04/04/2011 10:39	By AEL	Analytical Batch 453652
-------------------------------	----------------------	-----------------------------	---------------	------------------------------	-----------	----------------------------

CAS# 57-12-5	Parameter Total Cyanide	Result 0.0050U	RDL 0.0050	MDL 0.0006	Units mg/L
-----------------	----------------------------	-------------------	---------------	---------------	---------------

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21104041101	SK-GW07R-1035	Water	03/31/2011 09:50	04/02/2011 09:00

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/04/2011 11:45	453678	SW-846 9012A	1	04/06/2011 16:21	AEL	453845

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0050U	0.0050	0.0006	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21104041102	SK-GW26-1035	Water	03/31/2011 10:30	04/02/2011 09:00

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/04/2011 11:45	453678	SW-846 9012A	1	04/06/2011 16:22	AEL	453845

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0050U	0.0050	0.0006	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21104041201	SK-SW50-1035	Water	03/31/2011 12:15	04/02/2011 09:00

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/04/2011 11:45	453678	SW-846 9012A	1	04/06/2011 16:23	AEL	453845

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0050U	0.0050	0.0006	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21104041202	SK-MS-1035 (SW50)	Water	03/31/2011 12:20	04/02/2011 09:00

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/04/2011 11:45	453678	SW-846 9012A	1	04/06/2011 16:24	AEL	453845

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0440	0.0050	0.0006	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21104041204	SK-DUP-1035 (SW50)	Water	03/31/2011 14:25	04/02/2011 09:00

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/04/2011 11:45	453678	SW-846 9012A	1	04/06/2011 16:26	AEL	453845

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0050U	0.0050	0.0006	mg/L